

CENTERS FOR DISEASE CONTROL

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- 1 Summaries of Notifiable Diseases in the United States, 1989
- 13 Graphs and Maps for Selected Notifiable Diseases in the United States
- 51 Historical Summary Tables Covering the Period 1940-1989

Summary of Notifiable Diseases, United States

1989

U.S. Department of Health and Human Services
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Centers for Disease Control William L. Roper, M.D., M.P.H.
Director

This report was prepared by:

Epidemiology Program Office Stephen B. Thacker, M.D., M.Sc.
Director

Richard A. Goodman, M.D., M.P.H.
Editor, MMWR Series

Division of Surveillance and
Epidemiologic Studies Steven M. Teutsch, M.D., M.P.H.
Director

Statistics and Surveillance Branch Donna F. Stroup, Ph.D.
Chief

Ruth W. Slade
Statistical Coordinator

Deborah A. Adams
Robert F. Fagan
Norma P. Gibbs
Gail J. Gould
Patsy A. Hall
Carol P. Knowles
Barbara Panter-Connah
Wanda K. Tillman

Editorial Services R. Elliott Churchill, M.A.
Chief

Beverly Holland
Program Specialist

Mary T. Vaughan
Visual Information Specialist

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Foreword

MMWR Summary of Notifiable Diseases, United States, 1989

This publication contains summary tables of the official statistics for calendar year 1989 from the National Notifiable Diseases Surveillance System (NNDSS) on the occurrence of notifiable diseases in the United States.

Part 1 contains information on morbidity for each of the 49 currently notifiable conditions. The tables show the number of cases of notifiable diseases reported to the Centers for Disease Control (CDC) for 1989, as well as the distribution of cases by month, geographic location, and patient's age.

Part 2 contains graphs and maps depicting summary data for many of the notifiable conditions described in tabular form in Part 1.

Part 3 includes tables showing the number of cases of notifiable diseases reported to CDC and to the National Office of Vital Statistics for the past 50 years. It also has a table of deaths associated with specified notifiable diseases reported to the National Center for Health Statistics, CDC, for the period 1978-1987.

This statistical summary is the final publication in volume 38 of the *MMWR* series.

Data Sources

Data on the reported occurrence of notifiable diseases are routinely published in the *MMWR* and compiled in final form in this summary from annual reports submitted by the state and territorial departments of health.

Notifiable disease reports published in the *MMWR* are the authoritative and archival counts of cases. Data from surveillance records for selected diseases, which are useful for detailed epidemiologic analyses, are published on a periodic basis.

The Epidemiology Program Office gratefully acknowledges the CDC units listed below for their contributions of statistical data from surveillance program records. Requests for further information regarding these data should be directed to the appropriate source.

Center for Infectious Diseases

AIDS Program (acquired immunodeficiency syndrome)

Division of Bacterial Diseases (toxic-shock syndrome)

Division of Vector-Borne Viral Diseases (arboviral infections of the central nervous system)

Division of Viral Diseases (animal rabies)

Center for Prevention Services

Division of Quarantine (cholera and plague)

Division of Tuberculosis Control (tuberculosis)

Division of Sexually Transmitted Diseases (gonorrhea, syphilis, chancroid, granuloma inguinale, and lymphogranuloma venereum)

National Center for Health Statistics

Division of Vital Statistics (deaths from selected notifiable diseases)

Totals for the United States, unless otherwise stated, do not include data for American Samoa, Guam, Puerto Rico, the Virgin Islands, and the Commonwealth of the Northern Mariana Islands (CNMI). Data for American Samoa, Guam, and CNMI were reported by the International Center for Health Promotion and Disease Prevention Research, School of Public Health, University of Hawaii, Honolulu, Hawaii.

Data in this summary should be interpreted with caution. Some diseases such as plague and rabies that cause severe clinical illness and are associated with serious consequences probably are reported quite accurately. However, diseases such as salmonellosis and mumps that are clinically mild and infrequently associated with serious consequences are less likely to be reported. Additionally, subclinical cases are seldom detected except in the course of special studies. The degree of completeness of reporting is also influenced by the diagnostic facilities available, the control measures in effect, and the interests and priorities of state and local officials responsible for disease control and surveillance. Finally, factors such as the introduction of new diagnostic tests (e.g., for hepatitis B) and the discovery of new disease entities (e.g., infant botulism and legionellosis) may cause changes in disease reporting independent of the true incidence of disease. Despite these limitations, the data in this report have proven to be useful in analyzing trends.

Mortality data are from the National Center for Health Statistics. Each year these data are also published in *Vital Statistics of the United States, Vol. II*.

Data on notifiable diseases before 1960 are obtained from publications of the National Office of Vital Statistics.

Data for the 1989 resident population of states and territories are from the U.S. Bureau of the Census, *Current Population Reports*, Series P-25, No. 1058, *State Population and Household Estimates: July 1, 1989. Estimates for the resident population, by age, sex, and race, are from Series P-25, No. 1057, United States Population Estimates by Age, Sex, Race and Hispanic Origin: 1989.*

Population data from states in which diseases were not notifiable or not available were excluded from rate calculation. Rates in the 1989 *Summary of Notifiable Diseases* were based on data for the resident population except for chancroid, gonorrhea, granuloma inguinale, lymphogranuloma venereum, and syphilis, for which only data for the civilian resident population were used.

EXPLANATION OF SYMBOLS USED IN TABLES

Data not available	NA
No reported cases	—
Report of disease not required by state health department (not notifiable)	NN

PART 1:

**Summaries of
Notifiable Diseases
in the United States**

NOTIFIABLE DISEASES — Summary of reported cases, by month, United States, 1989

Disease	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Unk.
Acquired immunodeficiency syndrome (AIDS)*	33,722	2,320	2,745	2,827	3,195	2,767	2,594	2,595	3,354	3,020	3,056	2,717	2,532	-
Amebiasis	3,217	201	225	232	251	261	295	257	291	269	255	307	373	-
Anthrax	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aseptic meningitis	10,274	331	353	306	381	470	710	967	1,381	1,995	1,478	939	963	-
Botulism, total [†]	89	7	9	10	6	4	8	10	2	10	6	8	9	-
Botulism, food-borne	23	-	2	3	-	-	-	9	-	3	3	3	-	-
Botulism, infant	60	7	5	6	5	4	7	1	2	7	3	5	8	-
Brucellosis	95	4	5	9	8	15	8	15	6	6	6	5	8	-
Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria	3	-	-	-	-	-	-	1	-	1	-	-	1	-
Encephalitis, primary infections	981	50	51	47	50	53	44	82	117	154	136	85	112	-
Encephalitis, post-infectious	88	4	3	12	2	7	8	8	9	5	7	5	18	-
Gonorrhea [‡]	733,151	(.....)	174,841	(.....)	(.....)	170,605	(.....)	(.....)	199,605	(.....)	(.....)	188,100	(.....)	-
Hepatitis A	35,821	2,428	2,848	3,097	2,775	2,901	2,947	2,673	2,947	3,284	3,104	3,208	3,609	-
Hepatitis B	23,419	1,530	1,661	2,065	2,071	1,988	1,975	2,011	1,967	1,981	1,794	1,859	2,517	-
Hepatitis, non-A non-B	2,529	209	226	267	245	185	205	207	187	191	198	152	257	-
Hepatitis, unspecified	2,306	226	241	230	179	209	160	133	171	184	150	198	225	-
Legionellosis	1,190	52	83	74	69	57	78	134	115	148	133	80	167	-
Leprosy	163	9	20	10	15	14	11	18	11	13	11	18	13	-
Leptospirosis	93	12	9	8	4	15	5	4	4	3	9	17	3	-
Malaria	1,277	72	100	88	97	109	109	128	138	160	111	70	95	-
Measles (rubeola)	18,193	963	1,179	1,366	1,798	1,946	1,640	1,319	1,531	1,599	1,019	1,158	2,675	-
Meningococcal infections, total	2,727	202	310	360	355	241	185	190	152	129	148	204	251	-
Civilian	2,726	202	310	360	355	241	185	190	151	129	148	204	251	-
Military	1	-	-	-	-	-	-	-	1	-	-	-	-	-
Mumps	5,712	502	430	516	612	634	516	399	239	335	364	441	724	-
Pertussis	4,157	187	140	162	163	369	240	462	578	498	361	446	551	-
Plague	4	-	-	-	-	-	3	-	-	1	-	-	-	-
Poliomyelitis, paralytic [§]	5	1	-	-	-	-	-	1	-	1	1	-	1	-
Psittacosis	116	7	5	9	10	9	15	4	10	8	6	4	29	-
Rabies, human	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Rheumatic fever	144	10	7	6	13	12	7	8	20	7	11	12	30	1
Rubella (German measles)	396	25	21	28	56	44	64	37	24	23	23	19	32	-
Rubella congenital syndrome	3	-	2	-	-	-	-	-	-	-	-	1	-	-
Salmonellosis (excl. typhoid fever)	47,812	2,371	2,178	2,484	2,804	2,909	3,969	5,079	5,843	6,449	5,292	3,946	4,488	-
Shigellosis	25,010	1,759	1,548	1,804	1,766	1,933	1,915	2,261	2,501	2,643	2,309	2,198	2,373	-
Syphilis, primary & secondary [§]	44,540	3,171	3,272	3,643	3,610	3,443	3,560	4,113	3,789	4,018	4,422	3,624	3,875	-
Syphilis, congenital <1 year	859	14	35	19	11	30	46	88	46	92	66	41	186	185
Tetanus	53	6	2	3	6	4	9	3	2	2	3	6	7	-
Toxic-shock syndrome	400	23	24	45	37	30	31	33	24	39	35	26	53	-
Trichinosis	30	-	-	1	6	3	4	1	1	-	3	8	3	-
Tuberculosis	23,495	1,134	1,473	1,896	1,756	1,908	2,097	1,882	2,060	1,946	1,948	1,945	3,450	-
Tularemia	152	6	2	2	5	10	19	32	29	15	12	3	17	-
Typhoid fever	460	21	33	31	31	31	40	38	71	58	44	33	29	-
Typhus fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flea-borne (endemic, murine)	41	1	-	1	1	4	7	4	7	2	6	4	4	-
Tick-borne (Rocky Mountain spotted)	623	3	12	2	14	41	94	114	90	125	50	29	49	-
Varicella (chickenpox)	185,441	18,668	21,659	26,883	30,336	33,377	22,583	5,449	2,067	1,699	3,473	7,143	12,104	-

* AIDS total updated through December 31, 1989.

[†]Includes wound and unspecified botulism.[‡]Civilian cases only.[§]Subject to change due to retrospective case evaluations or late reports.

SUMMARY TABLES — 1989

NOTIFIABLE DISEASES—Reported cases, by geographic division and area, United States, 1989

Area	Total Resident Population (in Thousands)	Botulism					
		AIDS	Amebiasis	Aseptic Meningitis	Food-borne	Infant	Other
United States	248,239	33,722*	3,217	10,274	23	60	6†
New England	13,047	1,399	148	547	-	-	1
Maine	1,222	66	6	31	-	-	-
N.H.	1,107	37	12	57	-	-	-
Vt.	567	20	5	45	-	-	1
Mass.	5,913	757	72	171	-	-	-
R.I.	998	88	6	120	-	-	-
Conn.	3,239	431	47	123	-	-	-
Mid. Atlantic	37,726	9,319	394	1,415	5	2	-
N.Y.(Excl.NYC)	17,950§	1,381	66	615	3	-	-
N.Y.C.	NA	4,629	255	199	-	1	-
N.J.	7,736	2,232	39	-	2	1	-
Pa.	12,040	1,077	34	601	-	-	-
E.N. Central	42,298	2,600	238	2,059	-	3	1
Ohio	10,907	479	21	663	-	2	1
Ind.	5,593	353	28	280	-	-	-
Ill.	11,658	1,135	54	461	-	-	-
Mich.	9,273	503	45	520	-	-	-
Wis.	4,867	130	90	135	-	1	-
W.N. Central	17,851	836	119	574	-	-	-
Minn.	4,353	176	43	96	-	-	-
Iowa	2,840	56	27	85	-	-	-
Mo.	5,159	444	19	223	-	-	-
N. Dak.	660	8	4	16	-	-	-
S. Dak.	715	4	1	14	-	-	-
Nebr.	1,611	33	6	30	-	-	-
Kans.	2,513	115	19	110	-	-	-
S. Atlantic	43,115	7,132	207	2,057	-	2	-
Del.	673	80	9	84	-	-	-
Md.	4,694	726	10	235	-	1	-
D.C.	604	500	-	30	-	-	-
Va.	6,098	392	24	417	-	1	-
W. Va.	1,857	53	3	95	-	-	-
N.C.	6,571	447	13	221	-	-	-
S.C.	3,512	327	NN	41	-	-	-
Ga.	6,436	1,106	80	140	-	-	-
Fla.	12,671	3,501	68	794	-	-	-
E.S. Central	15,406	761	36	702	-	4	1
Ky.	3,727	113	18	225	-	-	1
Tenn.	4,940	266	NN	120	-	3	-
Ala.	4,118	216	10	249	-	1	-
Miss.	2,621	166	8	108	-	-	-
W.S. Central	27,002	3,160	189	1,065	-	5	-
Ark.	2,406	77	10	56	-	-	-
La.	4,382	510	16	89	-	1	-
Oklahoma	3,224	168	4	84	-	-	-
Tex.	16,991	2,405	159	836	-	4	-
Mountain	13,513	1,124	110	333	2	6	-
Mont.	806	13	2	6	-	-	-
Idaho	1,014	23	13	2	-	2	-
Wyo.	475	16	2	10	-	-	-
Colo.	3,317	392	25	161	-	-	-
N. Mex.	1,528	93	6	14	-	-	-
Ariz.	3,556	331	48	101	-	-	-
Utah	1,707	73	12	25	-	1	-
Nev.	1,111	183	2	14	-	1	-
Pacific	38,283	7,391	1,776	1,522	16	38	3
Wash.	4,761	484	87	-	10	-	-
Oreg.	2,820	228	99	-	1	2	1
Calif.	29,063	6,481	1,586	1,356	-	35	2
Alaska	527	17	3	37	5	-	-
Hawaii	1,112	181	1	129	-	1	-
Guam	N/A	2	-	19	-	-	-
P.R.	N/A	1,485	-	146	-	-	-
V.I.	N/A	29	-	-	-	-	-
American Samoa	N/A	-	-	1	-	-	-
C.N.M.I.	N/A	-	4	1	-	-	-

NOTE: No cases of anthrax were reported for 1989.

*AIDS total updated through December 31, 1989.

†Includes wound and unspecified botulism.

§Population estimate includes New York City.

NOTIFIABLE DISEASES—Reported cases, by geographic division and area, United States, 1989 (continued)

Area	Brucellosis	Chancroid	Diphtheria	Encephalitis			Granuloma Inguinale
				Primary Infections	Post- infectious	Gonorrhea	
United States	95	4,692	3	981	88	733,151*	7*
New England	-	49	-	28	2	20,337	-
Maine	-	-	-	6	-	251	-
N.H.	-	-	-	1	-	218	-
Vt.	-	1	-	4	-	70	-
Mass	-	46	-	8	2	8,054	-
R.I.	-	1	-	-	-	1,435	-
Conn.	-	1	-	9	-	10,309	-
Mid. Atlantic	6	2,302	-	42	8	108,101	-
N.Y.(Excl.N.Y.C)	2	7	-	35	5	14,720	-
N.Y.C.	2	2,292	-	6	3	44,781	-
N.J.	-	3	-	1	-	18,112	-
Pa.	2	-	-	-	-	30,488	-
E.N. Central	11	30	-	346	14	133,649	-
Ohio	-	2	-	131	4	36,113	-
Ind.	-	-	-	42	5	11,501	-
Ill.	7	8	-	87	5	42,712	-
Mich.	3	20	-	50	-	33,224	-
Wis.	1	-	-	36	-	10,099	-
W.N. Central	8	2	-	66	5	35,465	-
Minn.	-	-	-	24	1	3,179	-
Iowa	2	1	-	16	-	2,800	-
Mo.	2	-	-	6	-	21,883	-
N. Dak.	-	-	-	4	-	146	-
S. Dak.	2	-	-	5	-	261	-
Nebr.	1	-	-	5	-	1,928	-
Kans.	1	1	-	6	4	5,268	-
S. Atlantic	11	1,019	1	183	32	203,538	5
Del.	-	6	-	1	-	3,454	3
Md.	-	2	-	19	2	23,762	-
D.C.	-	1	-	-	-	14,457	-
Va.	6	10	1	47	3	15,993	1
W. Va.	-	2	-	88	-	1,476	1
N.C.	1	90	-	18	1	29,181	-
S.C.	-	-	-	2	1	16,437	-
Ga.	2	295	-	3	2	47,536	-
Fla.	2	613	-	5	23	51,242	-
E.S. Central	5	4	1	55	3	58,261	2
Ky.	1	4	1	20	1	5,442	1
Tenn.	3	-	-	8	-	19,557	-
Ala.	-	-	-	21	1	19,048	1
Miss.	1	-	-	6	1	14,214	-
W.S. Central	27	1,224	-	105	11	75,261	-
Ark.	-	-	-	11	-	7,613	-
La.	-	605	-	26	1	15,224	-
Okla.	4	-	-	12	6	6,652	-
Tex.	23	619	-	56	4	45,772	-
Mountain	6	8	-	17	10	14,280	-
Mont.	1	-	-	-	-	211	-
Idaho	-	-	-	-	1	175	-
Wyo.	-	-	-	-	1	100	-
Colo.	1	-	-	5	5	3,960	-
N. Mex.	1	-	-	2	1	1,293	-
Ariz.	1	8	-	5	-	4,983	-
Utah	-	-	-	1	2	429	-
Nev.	2	-	-	4	-	3,129	-
Pacific	21	54	1	139	3	84,259	-
Wash.	-	6	-	8	1	5,454	-
Oreg.	-	-	-	-	-	3,029	-
Calif.	21	48	1	116	2	74,195	-
Alaska	-	-	-	12	-	1,074	-
Hawaii	-	-	-	3	-	507	-
Guam	-	-	-	-	1	66	-
P.R.	-	12	-	10	3	1,513	-
V.I.	-	5	-	-	-	173	-
American Samoa	-	-	-	-	-	-	-
C.N.M.I.	-	-	-	-	-	-	-

NOTE: No cases of cholera were reported for 1989.

*Civilian cases only.

SUMMARY TABLES — 1989

NOTIFIABLE DISEASES—Reported cases, by geographic division and area, United States, 1989 (continued)

Area	Hepatitis A	Hepatitis B	Hepatitis unsp.	Hepatitis non-A non-B	Legionel- losis	Leprosy	Lepto- spirosis	Lympho- granuloma venereum	Malaria
United States	35,821	23,419	2,306	2,529	1,190	163	93	189*	1,277
New England	732	1,082	75	71	70	9	1	9	84
Maine	23	70	1	6	9	-	-	2	1
N.H.	59	62	4	10	2	-	-	-	2
Vt.	37	80	-	8	4	-	-	-	4
Mass.	239	553	54	25	41	7	1	7	45
R.I.	54	77	9	5	14	1	1	-	19
Conn.	320	240	7	17	-	1	-	-	13
Mid. Atlantic	3,916	3,374	192	206	296	19	3	36	237
N.Y.(excl.NYC)	1,039	704	19	79	109	4	2	-	43
N.Y.C.	483	1,387	143	32	65	13	1	28	99
N.J.	468	596	2	34	40	2	-	6	62
Pa.	1,926	687	28	61	82	-	-	2	33
E.N. Central	2,284	2,629	85	269	274	3	4	15	95
Ohio	417	509	25	43	116	-	-	6	11
Ind.	159	221	6	20	30	-	-	6	12
Ill.	1,126	768	34	123	25	3	2	3	48
Mich.	297	676	20	48	53	-	-	-	16
Wis.	285	455	-	35	50	-	-	-	8
W.N. Central	1,602	1,077	35	132	53	1	3	2	40
Minn.	186	138	6	31	6	-	-	-	10
Iowa	185	49	5	15	6	-	-	-	5
Mo.	810	704	13	53	21	-	3	1	13
N. Dak.	21	25	2	4	1	-	-	-	2
S. Dak.	27	10	-	8	2	-	-	-	2
Nebr.	97	30	2	3	7	1	-	-	2
Kans.	276	121	7	18	10	-	-	1	6
S. Atlantic	3,728	4,522	380	364	152	2	3	103	221
Del.	95	143	4	6	12	-	-	2	7
Md.	1,123	731	31	32	32	-	1	5	39
D.C.	15	54	-	3	7	-	-	13	11
Va.	334	321	237	70	13	-	1	2	47
W. Va.	28	115	10	14	-	-	-	-	3
N.C.	465	1,073	-	99	36	1	1	7	21
S.C.	92	617	11	4	10	-	-	-	10
Ga.	386	452	9	15	26	-	-	53	16
Fla.	1,190	1,016	78	121	16	1	-	21	67
E.S. Central	477	1,975	13	178	77	-	6	3	22
Ky.	129	400	6	56	10	-	1	3	2
Tenn.	205	1,124	-	50	49	-	5	-	5
Ala.	84	253	3	57	14	-	-	-	8
Miss.	59	198	4	15	4	-	-	-	7
W.S. Central	4,359	2,593	592	309	98	25	3	11	90
Ark.	338	105	18	19	6	-	-	2	-
La.	299	419	5	17	15	-	3	9	3
Oklahoma	511	216	39	37	27	-	-	-	8
Tex.	3,211	1,853	530	236	50	25	-	-	79
Mountain	5,204	1,549	169	223	95	4	-	1	33
Mont.	88	50	3	7	3	1	-	-	1
Idaho	158	133	4	14	5	-	-	-	2
Wyo.	67	10	-	5	-	-	-	-	1
Colo.	540	194	68	68	29	1	-	-	11
N. Mex.	682	207	3	30	7	1	-	-	5
Ariz.	2,797	586	70	53	29	1	-	1	9
Utah	538	129	9	30	10	-	-	-	1
Nev.	334	240	12	16	12	-	-	-	3
Pacific	13,519	4,618	765	777	75	100	70	9	455
Wash.	3,273	1,052	79	210	30	10	-	6	44
Oreg.	2,366	563	18	83	2	2	1	-	21
Calif.	7,084	2,875	653	469	39	70	-	3	380
Alaska	643	60	5	9	1	-	-	-	3
Hawaii	153	68	10	6	3	18	69	-	7
Guam	8	4	10	-	-	1	-	-	3
P.R.	207	272	17	29	-	9	-	2	1
V.I.	-	7	-	-	-	-	-	1	-
American Samoa	47	1	-	3	-	9	2	-	-
C.N.M.I.	3	9	1	-	-	1	-	-	1

*Civilian cases only.

NOTIFIABLE DISEASES—Reported cases, by geographic division and area, United States, 1989 (continued)

Area	Measles		Meningo-coccal Infections	Mumps	Pertussis	Plague	Polio-myelitis Paralytic		Psittacosis
	Indigenous	Imported							
United States	17,351	842*	2,727	5,712	4,157	4	5†		116
New England	360	39	195	86	421	-	-	-	5
Maine	-	1	17	-	27	-	-	-	-
N.H.	9	7	18	15	30	-	-	-	-
Vt.	1	2	10	3	11	-	-	-	1
Mass.	88	21	105	57	307	-	-	-	-
R.I.	38	3	1	-	21	-	-	-	1
Conn.	224	5	44	11	25	-	-	-	3
Mid. Atlantic	872	269	426	500	346	-	-	-	16
N.Y.(excl.NYC)	61	141	137	176	180	-	-	-	11
N.Y.C.	110	21	87	22	16	-	-	-	1
N.J.	443	21	80	214	23	-	-	-	-
Pa.	258	86	122	88	127	-	-	-	4
E.N. Central	7,142	134	366	650	691	-	-	-	13
Ohio	2,685	35	123	165	147	-	-	-	5
Ind.	115	-	34	49	87	-	-	-	-
Ill.	3,197	16	111	218	198	-	-	-	-
Mich.	321	38	70	161	48	-	-	-	3
Wis.	824	45	28	57	211	-	-	-	5
W.N. Central	1,013	37	71	446	258	-	-	-	11
Minn.	42	25	17	2	71	-	-	-	1
Iowa	12	-	-	54	16	-	-	-	4
Mo.	671	-	21	87	141	-	-	-	5
N. Dak.	-	-	-	-	5	-	-	-	-
S. Dak.	-	-	9	-	4	-	-	-	-
Nebr.	155	3	15	6	9	-	-	-	1
Kans.	133	9	9	297	12	-	-	-	-
S. Atlantic	741	81	487	1,151	421	-	3		36
Del.	42	1	3	1	1	-	-	-	-
Md.	78	38	76	603	82	-	1		1
D.C.	39	4	19	150	3	-	-	-	-
Va.	19	3	73	125	37	-	-	-	6
W. Va.	53	-	13	19	36	-	-	-	-
N.C.	187	3	68	45	79	-	1		22
S.C.	15	-	33	56	33	-	-	-	1
Ga.	2	16	80	87	55	-	1		1
Fla.	306	16	122	65	95	-	-	-	5
E.S. Central	291	6	97	214	244	-	1		6
Ky.	43	4	46	9	35	-	1	-	-
Tenn.	169	-	16	89	119	-	-	-	3
Ala.	58	2	27	29	80	-	-	-	2
Miss.	21	-	8	87	10	-	-	-	1
W.S. Central	3,480	87	184	1,753	505	-	-	-	1
Ark.	3	19	17	208	35	-	-	-	-
La.	122	-	49	783	38	-	-	-	-
Okla.	110	-	25	211	66	-	-	-	-
Tex.	3,245	68	93	551	366	-	-	-	1
Mountain	359	61	79	290	688	4			11
Mont.	12	1	2	4	43	-	-	-	-
Idaho	-	7	4	40	75	-	-	-	-
Wyo.	-	-	1	8	-	-	-	-	7
Colo.	82	19	26	86	110	2	-	-	1
N. Mex.	16	15	2	NN	33	2	-	-	-
Ariz.	134	11	31	131	400	-	-	-	2
Utah	114	-	5	14	26	-	-	-	1
Nev.	1	8	8	7	1	-	-	-	-
Pacific	3,093	128	822	622	583	-	1		17
Wash.	33	23	94	59	201	-	-	-	4
Oreg.	27	55	59	NN	18	-	-	-	7
Calif.	3,012	41	654	541	336	-	1		6
Alaska	1	-	11	2	1	-	-	-	-
Hawaii	20	9	4	20	27	-	-	-	-
Guam	1	2	-	6	-	-	-	-	-
P.R.	572	-	8	12	6	-	-	-	-
V.I.	2 [§]	-	-	17	-	-	-	-	-
American Samoa	2 [§]	-	-	9	-	-	-	-	-
C.N.M.I.	1 [§]	-	1	9	-	-	-	-	-

*For measles only, imported includes both out-of-state and international importations.

†Subject to change due to retrospective case evaluations or late reports.

[§]Classification unknown.

SUMMARY TABLES — 1989

NOTIFIABLE DISEASES—Reported cases, by geographic division and area, United States, 1989 (continued)

Area	Rabies		Rubella					Syphilis			
	Animal	Human	Rheumatic Fever		Cong.	Salmonel-	Shigel-	Primary &	Cong.	All	
			acute	Rubella		losis	losis	Secondary	(<1 yr.)	Stages	
United States	4,724	1	144	396	3	47,812	25,010	44,540*	859*	110,797*	
New England	14	-	8	6	-	4,447	707	1,714	32	3,382	
Maine	2	-	3	-	-	239	12	13	1	25	
N.H.	2	-	-	4	-	285	26	22	-	38	
Vt.	1	-	-	1	-	160	5	1	-	6	
Mass.	5	-	NN	1	-	2,384	300	508	12	1,074	
R.I.	1	-	1	-	-	324	28	31	1	193	
Conn.	3	-	4	-	-	1,055	336	1,139	18	2,046	
Mid. Atlantic	806	-	5	36	1	8,946	2,093	8,247	250	21,474	
N.Y.(Excl.NYC)	54	-	NN	14	-	2,164	902	798	60	2,035	
N.Y.C.	-	-	5	15	1	2,003	351	3,349	153	10,097	
N.J.	50	-	NN	7	-	1,860	182	1,522	11	3,347	
Pa.	702	-	NN	-	-	2,919	658	2,578	26	5,995	
E.N. Central	149	-	34	30	-	6,882	3,975	2,114	85	5,174	
Ohio	14	-	17	3	-	1,284	983	196	3	436	
Ind.	22	-	1	-	-	675	307	79	-	284	
Ill.	29	-	5	23	-	2,316	1,331	975	60	2,540	
Mich.	29	-	4	1	-	1,175	1,017	700	22	1,617	
Wis.	55	-	7	3	-	1,432	337	164	-	297	
W.N. Central	689	-	21	11	-	2,632	1,808	370	1	878	
Minn.	149	-	3	3	-	980	411	59	-	144	
Iowa	203	-	7	1	-	257	86	36	-	95	
Mo.	62	-	NN	4	-	676	411	162	-	389	
N. Dak.	58	-	-	1	-	87	206	3	-	5	
S. Dak.	125	-	5	-	-	112	363	1	-	3	
Nebr.	33	-	NN	-	-	202	120	30	1	67	
Kans.	59	-	6	2	-	318	211	79	-	175	
S. Atlantic	1,370	-	1	24	-	9,566	5,049	15,636	305	37,780	
Del.	36	-	NN	-	-	274	253	234	3	428	
Md.	388	-	NN	2	-	1,528	297	805	20	1,935	
D.C.	12	-	NN	-	-	183	52	978	-	2,203	
Va.	262	-	NN	-	-	1,452	410	593	13	1,731	
W. Va.	48	-	1	-	-	189	23	20	-	350	
N.C.	9	-	NN	1	-	1,163	1,184	1,183	7	2,483	
S.C.	192	-	NN	-	-	659	255	882	5	1,767	
Ga.	233	-	NN	-	-	1,521	629	3,846	14	8,013	
Fla.	190	-	NN	21	-	2,597	1,946	7,095	243	18,870	
E.S. Central	342	-	1	6	-	2,811	882	3,105	19	6,771	
Ky.	134	-	1	-	-	554	104	57	1	238	
Tenn.	87	-	NN	5	-	829	279	1,406	16	2,867	
Ala.	117	-	NN	1	-	849	375	921	1	2,003	
Miss.	4	-	-	-	-	579	124	721	1	1,663	
W.S. Central	614	-	2	70	-	3,985	2,546	6,383	72	14,215	
Ark.	89	-	2	-	-	508	181	380	-	812	
La.	17	-	-	5	-	738	466	1,603	-	3,085	
Okla.	102	-	NN	1	-	462	245	133	8	384	
Tex.	406	-	NN	64	-	2,277	1,654	4,267	64	9,934	
Mountain	260	-	51	36	-	1,983	2,048	637	1	1,630	
Mont.	71	-	NN	1	-	93	105	2	-	10	
Idaho	11	-	NN	32	-	101	28	2	-	21	
Wyo.	77	-	6	2	-	30	14	-	-	5	
Colo.	34	-	9	1	-	568	393	54	-	198	
N. Mex.	21	-	2	-	-	209	284	31	-	182	
Ariz.	28	-	NN	-	-	567	1,032	320	1	747	
Utah	9	-	33	-	-	190	89	16	-	58	
Nev.	9	-	1	-	-	225	103	212	-	409	
Pacific	480	1	21	177	2	6,560	5,902	6,334	94	19,493	
Wash.	9	-	NN	-	-	630	232	408	5	809	
Oreg.	5	1	NN	4	-	322	121	243	2	509	
Calif.	395	-	19	160	2	5,224	5,468	5,666	87	18,106	
Alaska	71	-	2	-	-	70	25	6	-	19	
Hawaii	-	-	NN	13	-	314	56	11	-	50	
Guam	-	-	-	-	-	139	82	1	-	16	
P.R.	84	-	-	8	-	538	82	599	4	2,551	
V.I.	-	-	-	-	-	18	4	5	-	24	
American Samoa	-	-	3	-	-	23	14	-	-	-	
C.N.M.I.	-	-	4	-	-	15	8	-	-	-	

*Civilian cases only.

NOTIFIABLE DISEASES—Reported cases, by geographic division and area, United States, 1989 (continued)

Area	Tetanus	Toxic-Shock Syndrome	Trich-inosis	Tuberculosis	Tularemia	Typhoid fever	Typhus fever		Varicella (Chicken-pox)
							Murine	RMSF	
United States	53	400	30	23,495	152	460	41	623	185,441
New England	-	23	8	713	2	40	-	7	16,126
Maine	-	6	1	41	-	-	-	-	2,064
N.H.	-	5	-	25	-	1	-	-	4,011
Vt.	-	1	-	9	-	-	-	-	NN
Mass.	-	6	7	421	2	26	-	4	9,876
R.I.	-	1	-	57	-	6	-	1	NN
Conn.	-	4	-	160	-	7	-	2	175*
Mid. Atlantic	4	60	4	4,861	5	104	5	63	13,086
N.Y.(excl.N.Y.C)	1	15	2	657	3	53	3	16	8,770
N.Y.C.	-	4	-	2,545	2	11	1	2	4,316
N.J.	2	12	2	949	-	33	-	25	NN
Pa.	1	29	-	710	-	7	1	20	NN
E.N. Central	3	63	-	2,340	3	57	-	36	88,909
Ohio	-	16	-	373	-	9	-	25	11,824
Ind.	1	7	-	261	-	2	-	1	NN
Ill.	-	19	-	1,113	1	35	-	7	32,420
Mich.	1	21	-	462	1	6	-	3	44,665
Wis.	-	1	-	131	1	5	-	-	NA
W.N. Central	5	58	1	587	54	9	-	77	17,144
Minn.	1	15	-	103	-	3	-	-	NN
Iowa	-	8	-	68	-	2	-	4	6,623
Mo.	4	10	1	278	39	2	-	48	9,086
N. Dak.	-	1	-	13	-	-	-	1	368
S. Dak.	-	4	-	28	5	-	-	5	401
Nebr.	-	9	-	25	4	-	-	1	172
Kans.	-	11	-	72	6	2	-	18	494
S. Atlantic	13	30	-	4,797	6	46	1	229	10,799
Del.	-	2	-	46	-	2	-	3	8
Md.	1	1	-	404	2	10	-	19	NN
D.C.	1	1	-	188	-	2	-	-	127
Va.	-	6	-	380	4	7	-	18	3,492
W. Va.	-	1	-	77	-	-	-	2	6,813
N.C.	3	6	-	637	-	2	-	118	NN
S.C.	1	4	-	502	-	2	-	40	359
Ga.	2	3	-	860	-	6	-	25	NN
Fla.	5	6	-	1,703	-	15	1	4	NN
E.S. Central	7	12	2	1,833	8	3	1	77	1,527
Ky.	1	3	-	380	1	1	-	15	792
Tenn.	1	7	2	601	6	1	1	45	735
Ala.	3	1	-	464	-	1	-	6	NN
Miss.	2	1	-	388	1	-	-	11	NN
W.S. Central	10	34	1	2,880	48	22	30	105	24,101
Ark.	2	2	-	330	36	-	-	21	379
La.	1	1	-	407	-	1	-	1	NN
Oklahoma	2	16	1	228	11	1	-	64	NN
Tex.	5	15	-	1,915	1	20	30	19	23,722
Mountain	-	50	-	625	17	13	-	25	10,939
Mont.	-	-	-	31	1	-	-	15	392
Idaho	-	4	-	28	-	-	-	4	NN
Wyo.	-	2	-	-	3	-	-	2	218
Colo.	-	9	-	73	3	2	-	3	NN
N. Mex.	-	4	-	93	2	2	-	1	NN
Ariz.	-	12	-	305	-	8	-	-	10,009
Utah	-	15	-	56	7	1	-	-	320
Nev.	-	4	-	39	1	-	-	-	NN
Pacific	11	70	14	4,859	9	166	4	4	2,810
Wash.	1	7	-	248	2	11	-	-	NN
Oreg.	-	-	-	151	5	6	-	2	NN
Calif.	10	62	4	4,212	2	140	2	2	599
Alaska	-	-	8	59	-	-	-	-	NN
Hawaii	-	1	2	189	-	9	2	-	2,211
Guam	-	-	-	54	-	4	-	-	401
P.R.	6	-	-	314	-	12	-	-	11,278
V.I.	-	-	-	3	-	1	-	-	614
American Samoa	-	-	-	5	-	11	-	-	143
C.N.M.I.	-	-	-	30	-	-	-	-	246

*Ages 16+.

NOTIFIABLES DISEASES — Summary of reported cases, by age group, United States, 1989

Disease	Total	Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-39	40-49	50-59	60+	Age not Stated
AIDS	33,722*	238	255	79	33	108	1,378	5,291	15,564	7,339	2,437	1,000	-
Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria	3	-	1	-	-	-	-	-	-	-	-	-	1
Gonorrhea†	733,151 (.....1,041.....)	913	11,820	204,023	225,200	127,635	124,743 (.....37,776.....)	-	-	-	-	-	-
Hepatitis A	35,821	203	1,686	4,265	2,869	2,707	4,250	5,228	6,498	2,551	1,148	1,380	3,036
Hepatitis B	23,419	197	103	141	224	1,770	3,814	4,774	6,151	2,311	1,064	1,234	1,636
Hepatitis, non-A non-B	2,529	17	26	31	43	149	287	383	640	248	145	368	192
Hepatitis, unspecified	2,306	20	83	198	125	169	245	312	463	183	67	124	317
Measles (rubeola)	18,193	1,982	4,668	1,757	2,208	4,403	1,578	761	596	123	19	12	86
Meningococcal infections	2,727	534	619	150	110	193	103	79	114	96	82	238	409
Mumps	5,712§	106	438	1,194	1,324	1,198	342	104	142	74	21	23	746
Pertussis (whooping cough)	4,157	1,813	1,073	323	283	222	60	59	116	57	17	21	113
Plague	4	-	-	-	2	-	-	-	-	1	-	1	-
Poliomyelitis, paralytic	5§	4	-	-	-	-	1	-	-	-	-	-	-
Rubella (German measles)	396§	30	28	24	21	26	35	24	27	15	1	-	165
Salmonellosis	47,812	7,143	7,313	2,791	1,682	2,006	3,205	3,313	5,134	3,168	2,114	5,540	4,403
Shigellosis	25,010§	670	6,151	3,722	1,079	670	1,184	1,457	1,929	846	451	640	6,211
Syphilis, primary & secondary†	44,540 (.....7.....)	8	216	4,408	10,495	9,717	13,213 (.....6,476.....)	-	-	-	-	-	-
Tetanus	53	1	1	-	-	1	-	4	5	5	3	29	4
Tuberculosis	23,495	140	670	303	208	514	1,228	1,985	4,708	3,436	2,794	7,499	10
Typhoid fever	460	4	26	32	38	28	38	56	79	50	18	38	53
Varicella (chickenpox)	185,441	1,034	8,947	36,368	7,671	2,424	874	497	411	93	41	117	126,964**

*AIDS total updated through December 31, 1989.

†Civilian cases only.

§ Cases reported by the state of California are included in the column for age not stated; age distributions are not available. For total cases reported by California, see table on pages 4-9.

*Subject to change due to retrospective case evaluations or late reports.

**Includes 940 cases reported by the state of Texas for ages 15+.

**Estimates of the resident population of the United States, by age, sex, and race,*
July 1, 1989**

Age	Total			White			Black			Other Races		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	248,239	120,982	127,258	208,961	102,223	106,738	30,660	14,545	16,115	8,618	4,213	4,404
<1	3,945	2,020	1,925	3,163	1,623	1,541	619	314	305	163	83	80
1-4	14,808	7,578	7,229	11,886	6,092	5,794	2,270	1,154	1,116	648	329	319
5-9	18,212	9,321	8,891	14,628	7,504	7,124	2,802	1,423	1,378	782	394	389
10-14	16,950	8,689	8,260	13,574	6,973	6,601	2,679	1,362	1,318	696	355	342
15-19	17,812	9,091	8,721	14,343	7,327	7,015	2,758	1,394	1,365	711	371	341
20-24	18,702	9,368	9,334	15,359	7,731	7,628	2,651	1,279	1,372	692	357	335
25-29	21,699	10,865	10,834	18,103	9,142	8,960	2,827	1,342	1,485	769	381	389
30-34	22,135	11,078	11,058	18,567	9,385	9,182	2,744	1,289	1,455	824	404	420
35-39	19,621	9,731	9,890	16,625	8,342	8,283	2,260	1,035	1,225	736	354	382
40-44	16,882	8,294	8,588	14,550	7,229	7,321	1,726	782	945	605	283	322
45-49	13,521	6,601	6,920	11,672	5,758	5,915	1,395	626	769	454	217	237
50-54	11,375	5,509	5,866	9,789	4,791	4,998	1,223	544	679	363	174	189
55-59	10,726	5,121	5,605	9,310	4,480	4,830	1,116	508	608	300	133	167
60+	41,852	17,714	24,137	37,390	15,845	21,546	3,591	1,493	2,096	870	376	494
Median age, years	32.7	31.6	33.8	33.6	32.5	34.7	27.7	26.3	29.1	29.0	27.9	30.1

*Numbers in thousands.

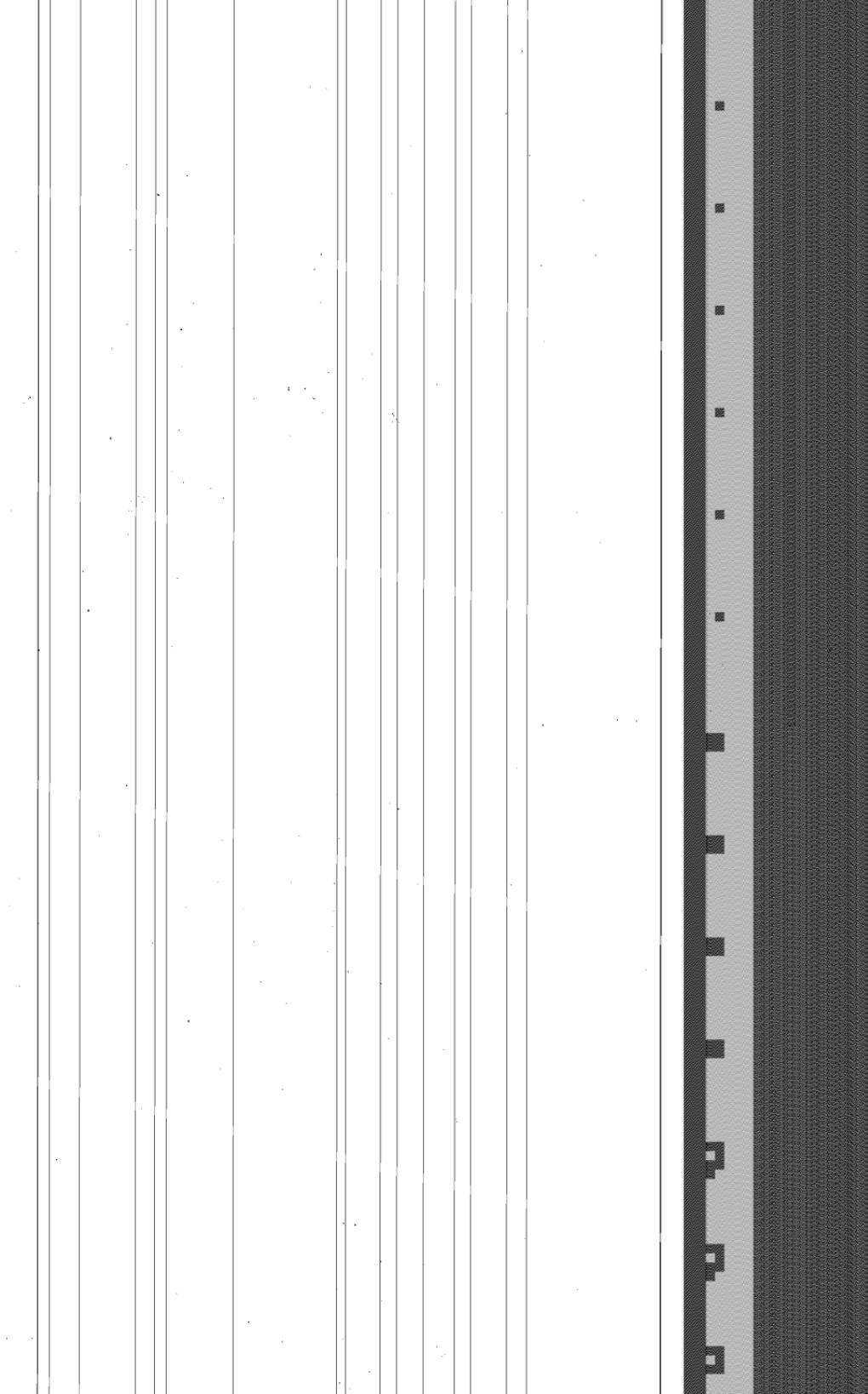
Source: U.S. Bureau of the Census, Current Population Reports, Series P-25, No. 1057, Estimates of the Population of the United States, by Age, Sex, and Race, 1980-1989.

**Estimates of the resident population of the United States, by age, sex, and race,*
July 1, 1988**

Age	Total			White			Black			Other Races		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
All Ages	245,785	119,724	126,060	207,357	101,377	105,980	30,201	14,323	15,877	8,227	4,024	4,203
<1	3,847	1,968	1,879	3,086	1,582	1,504	604	306	298	156	80	77
1-4	14,586	7,465	7,121	11,751	6,025	5,727	2,208	1,123	1,085	626	318	309
5-9	18,027	9,225	8,802	14,502	7,440	7,063	2,783	1,412	1,371	742	373	368
10-14	16,626	8,525	8,102	13,346	6,857	6,490	2,612	1,327	1,285	668	341	327
15-19	18,214	9,292	8,922	14,740	7,527	7,213	2,789	1,407	1,381	685	358	328
20-24	19,182	9,606	9,576	15,805	7,954	7,851	2,703	1,304	1,399	673	348	326
25-29	21,873	10,949	10,924	18,293	9,236	9,057	2,827	1,341	1,486	754	372	381
30-34	21,796	10,900	10,895	18,325	9,256	9,069	2,675	1,255	1,420	796	389	407
35-39	19,140	9,480	9,660	16,256	8,146	8,110	2,184	1,000	1,185	700	335	365
40-44	16,125	7,915	8,209	13,943	6,919	7,024	1,623	734	889	559	262	297
45-49	13,026	6,358	6,668	11,239	5,542	5,697	1,362	611	751	425	205	221
50-54	11,138	5,393	5,745	9,602	4,698	4,905	1,194	533	661	341	163	179
55-59	10,898	5,196	5,702	9,497	4,564	4,933	1,115	507	608	286	126	161
60+	41,309	17,452	23,857	36,970	15,632	21,338	3,523	1,462	2,060	815	356	460
Median age, years	32.4	31.2	33.5	33.3	32.1	34.4	27.5	26.1	28.8	28.8	27.7	29.8

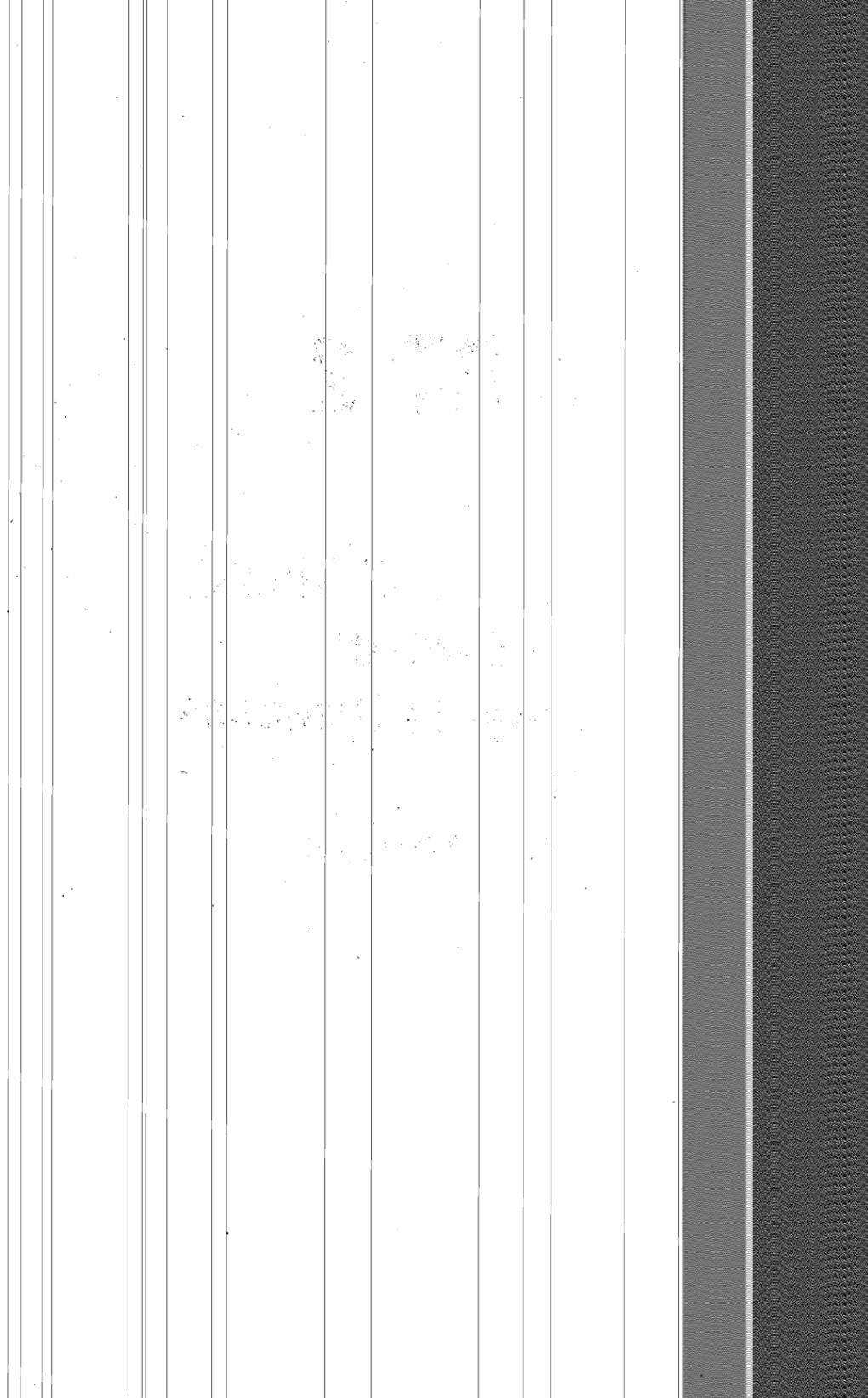
*Numbers in thousands.

Source: U.S. Bureau of the Census, Current Population Reports, Series P-25, No. 1057, Estimates of the Population of the United States, by Age, Sex, and Race, 1980-1988.

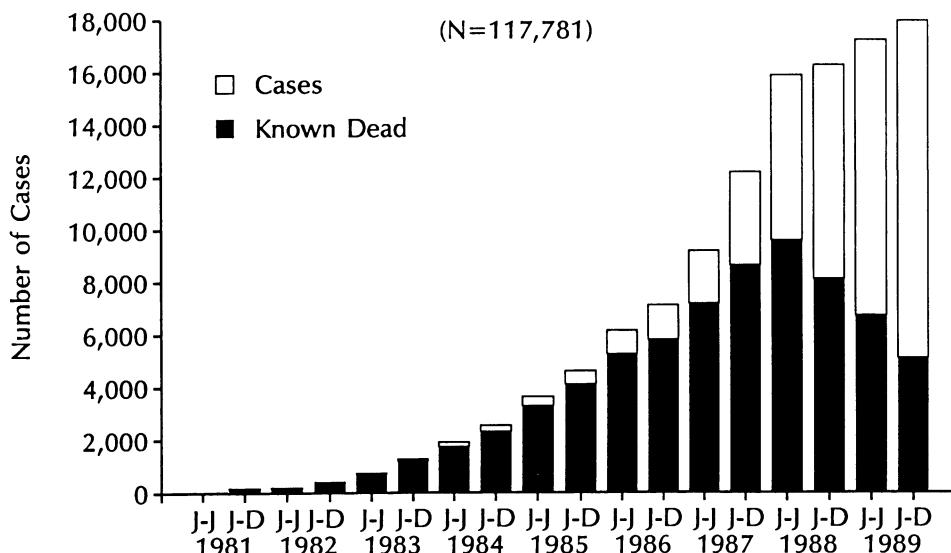


PART 2

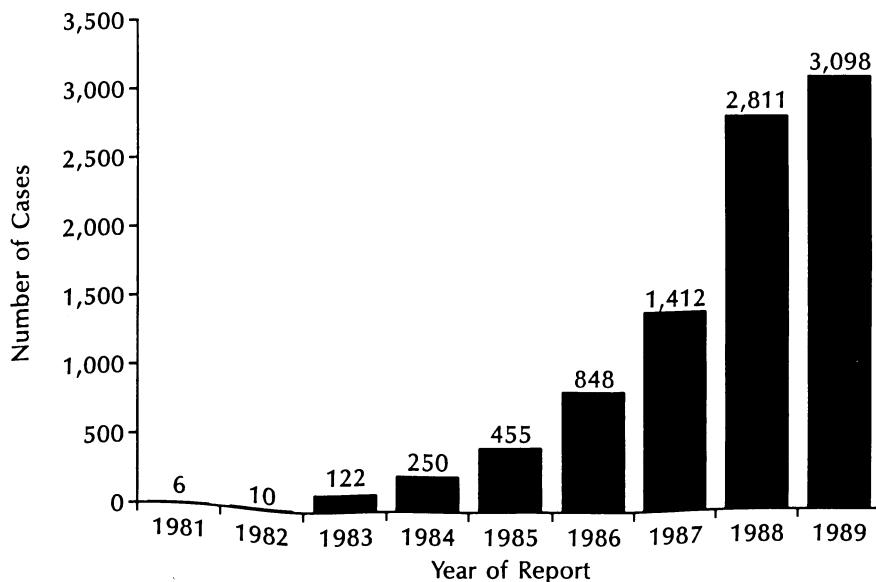
**Graphs and Maps
for Selected
Notifiable Diseases
in the
United States**



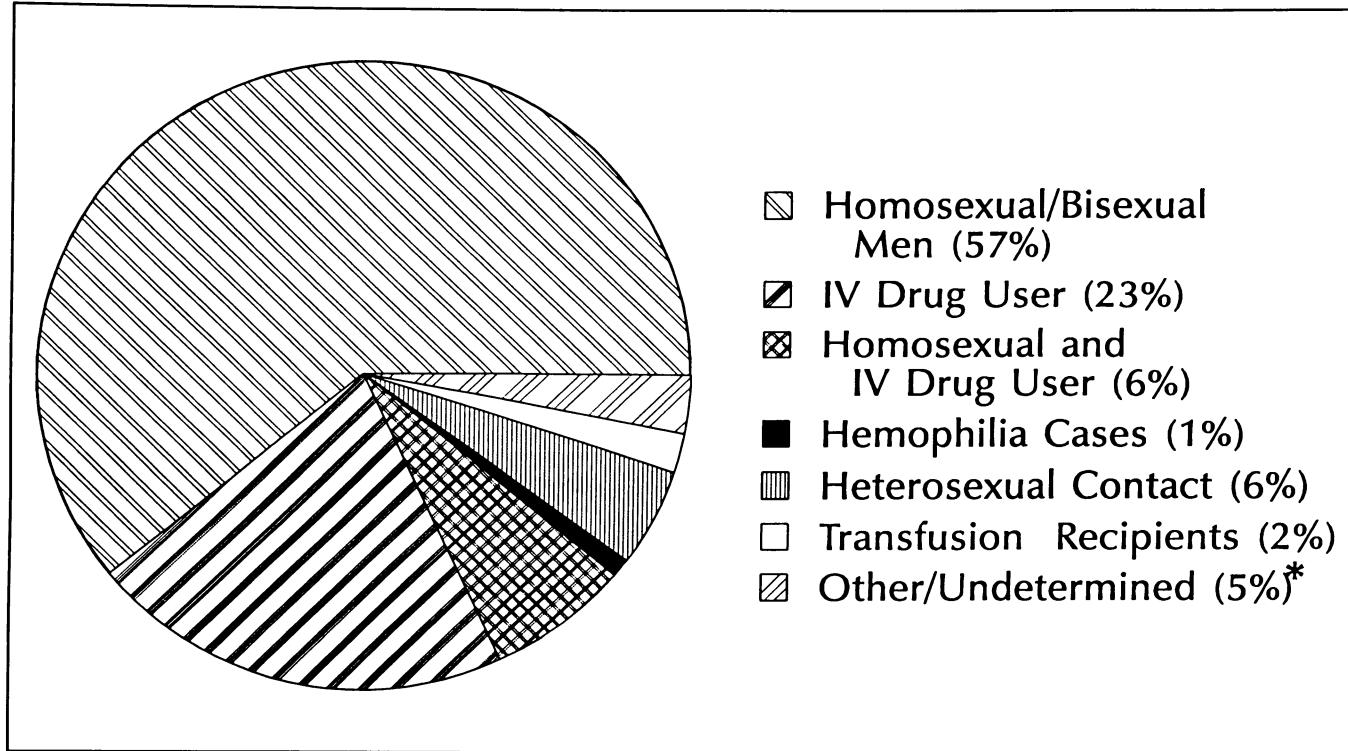
ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) – Cases and known deaths, by six-month periods of report to CDC, United States, 1981–1989



ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) – Pediatric cases by year of report, United States, 1981–1989

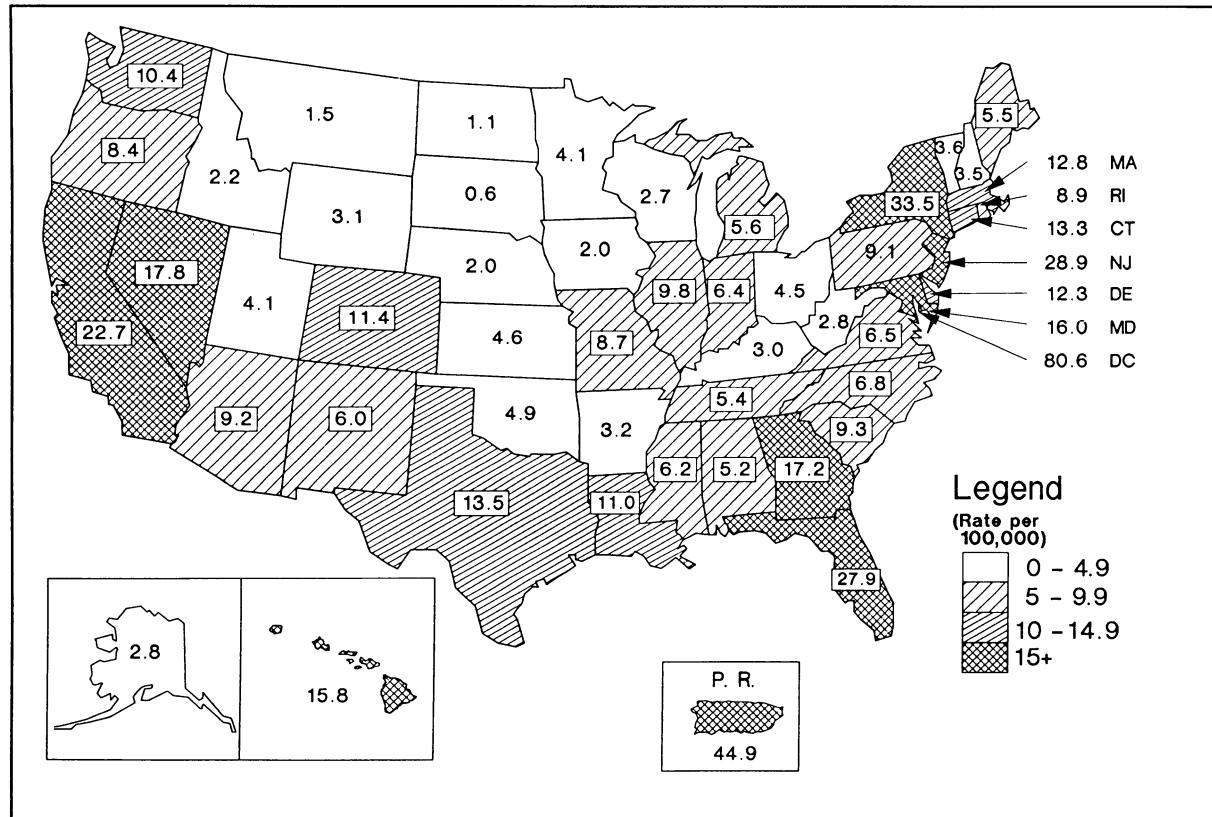


ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) – Reported adult/adolescent cases, by exposure category, United States, 1989



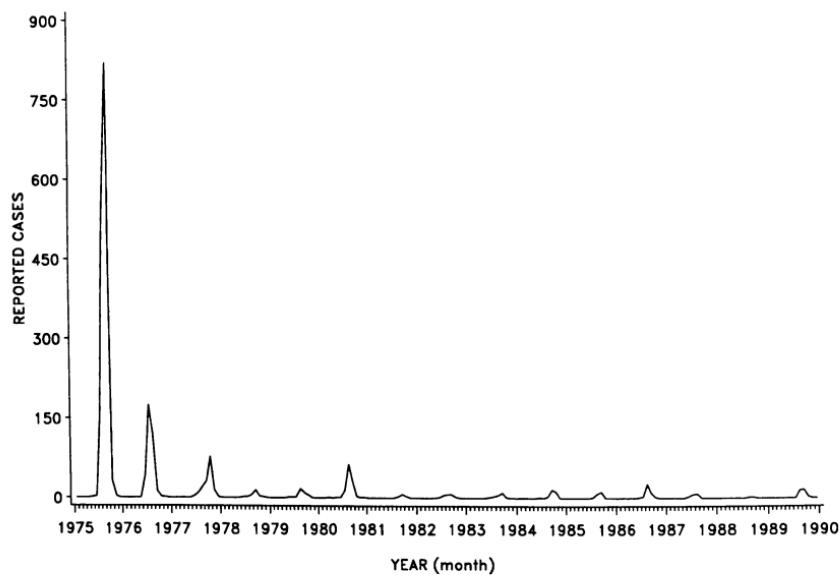
*Includes patients under investigation; patients who died, were lost to follow-up, or refused interview; and patients whose mode of exposure to human immunodeficiency virus (HIV) remains undetermined after investigation.

**ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) – Cases per 100,000 population, reported to CDC by state,
United States, 1989.**

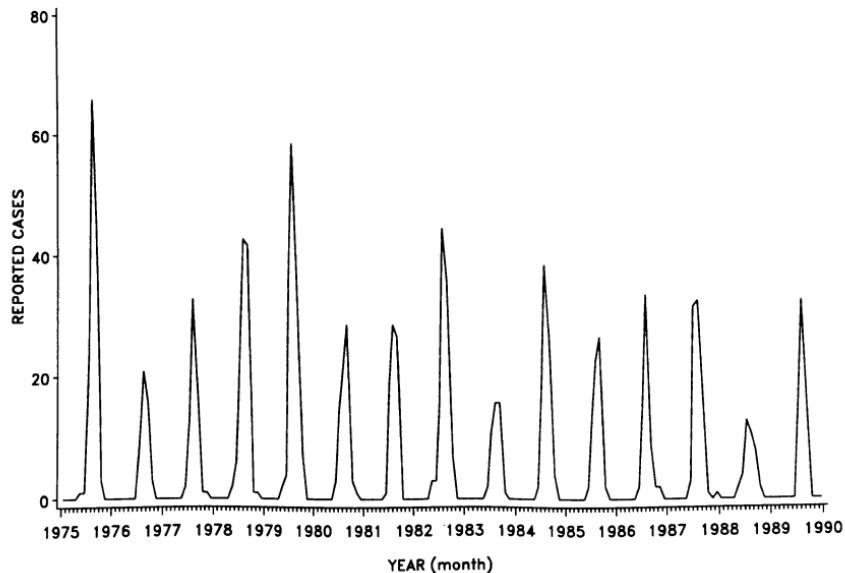


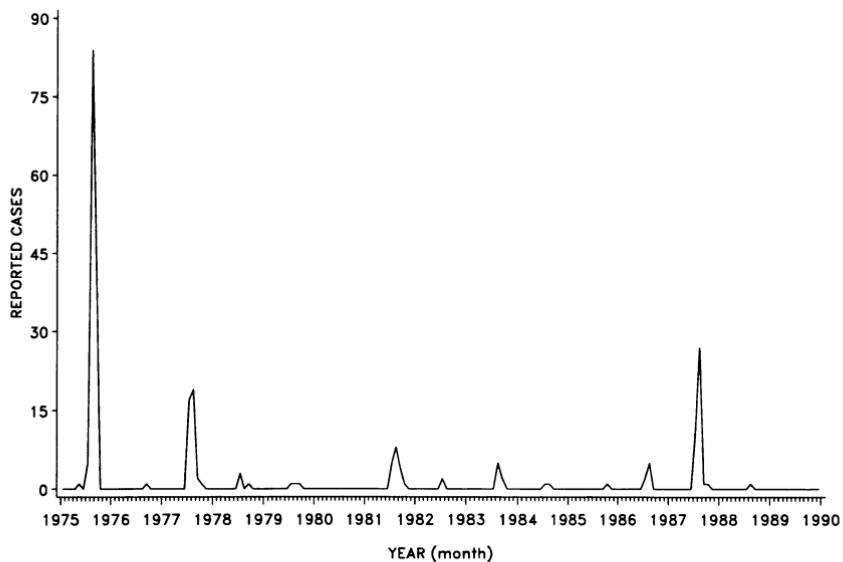
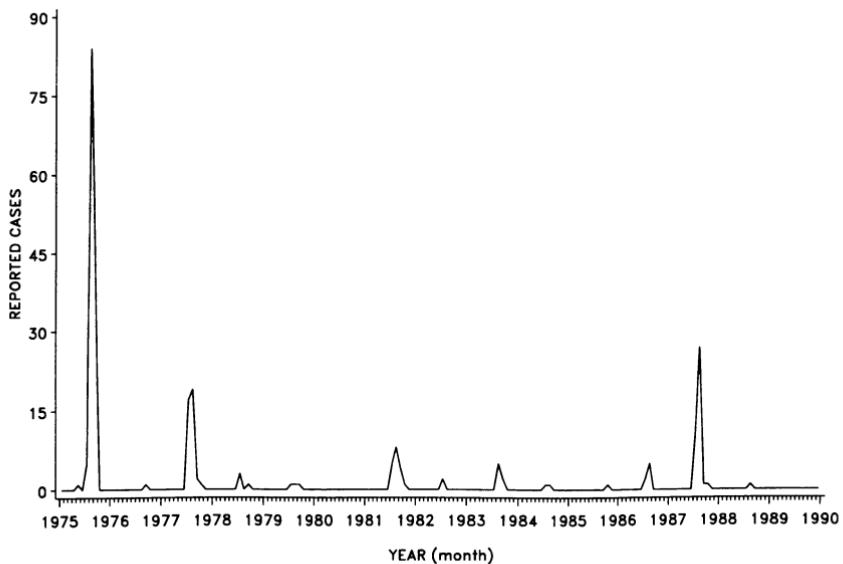
GRAPHS AND MAPS

ARBOVIRAL INFECTIONS (of the central nervous system) – Cases due to St. Louis encephalitis virus, by month, United States, 1975–1989



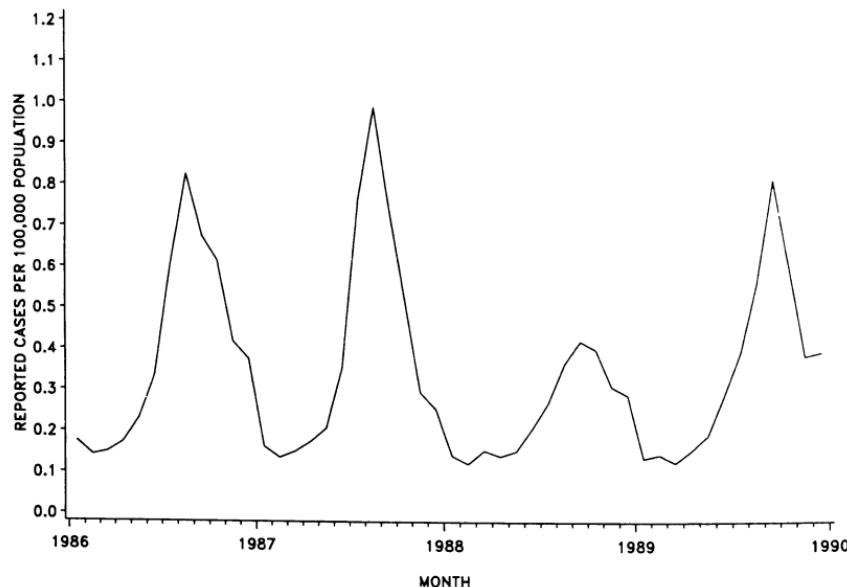
ARBOVIRAL INFECTIONS (of the central nervous system) – Cases due to California serogroup viruses, by month, United States, 1975–1989



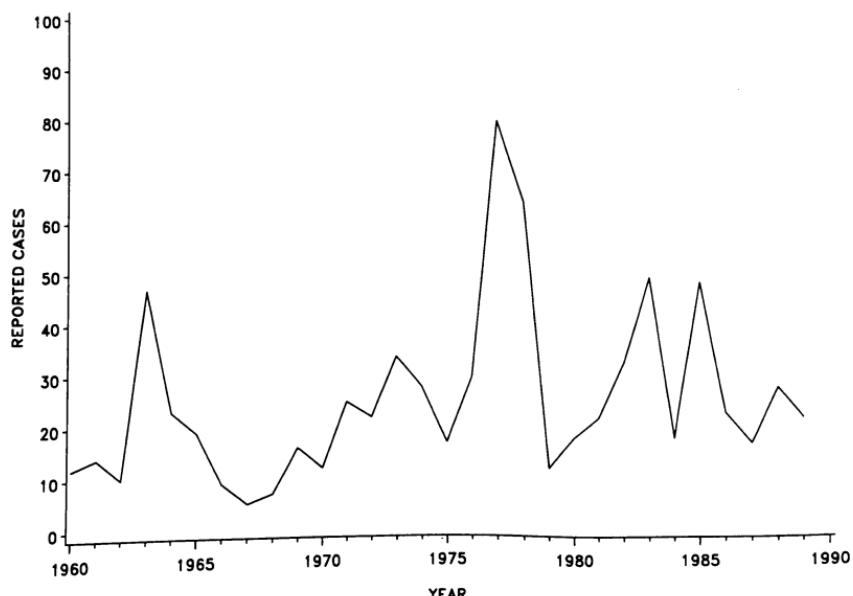
ARBOVIRAL INFECTIONS (of the central nervous system) — Cases due to Western equine encephalitis virus, by month, United States, 1975–1989**ARBOVIRAL INFECTIONS (of the central nervous system) — Cases due to Eastern equine encephalitis virus, by month, United States, 1975–1989**

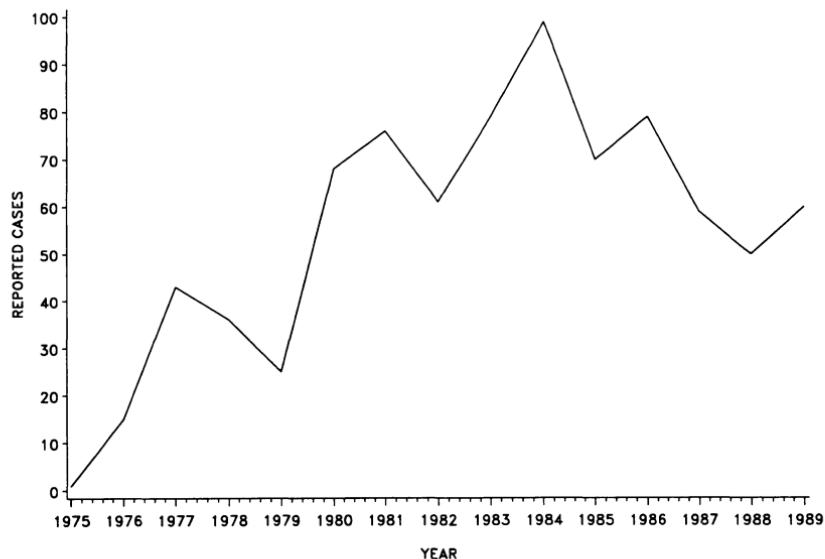
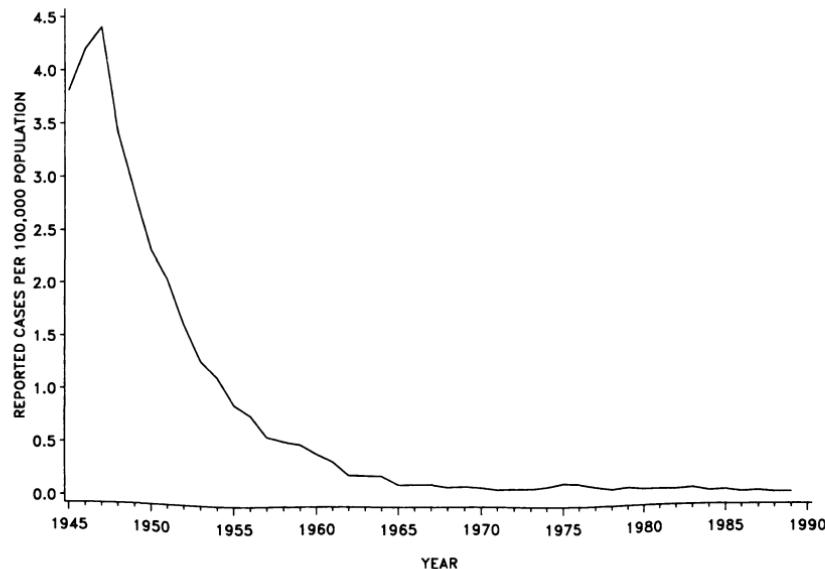
GRAPHS AND MAPS

ASEPTIC MENINGITIS – By month, United States, 1986–1989



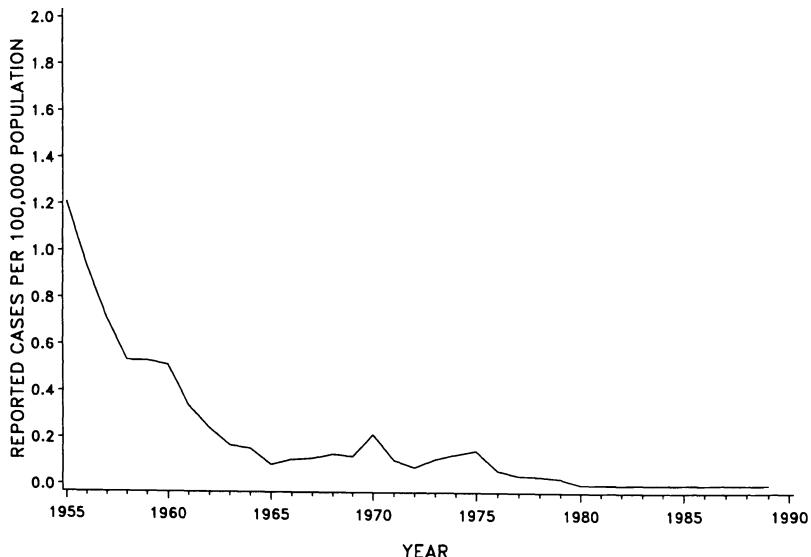
BOTULISM (foodborne) – By year, United States, 1960–1989



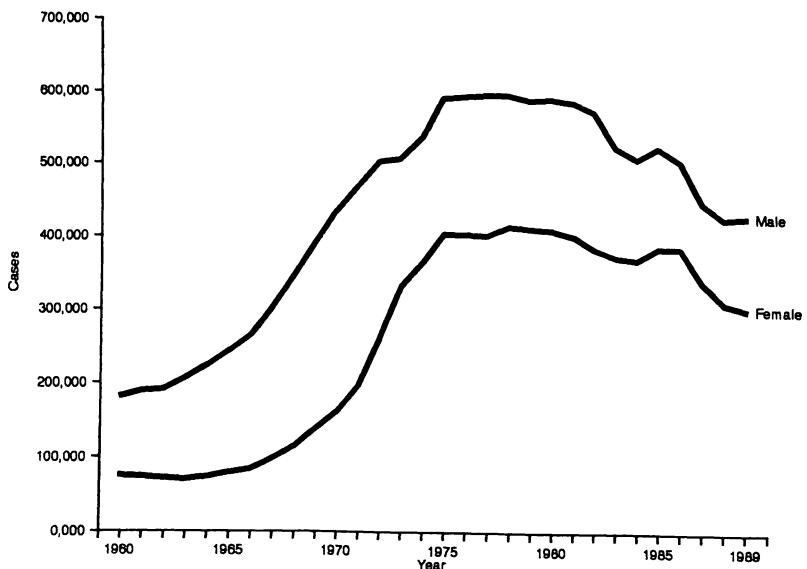
BOTULISM (infant) — By year, United States, 1975–1989**BRUCELLOSIS — By year, United States, 1945–1989**

GRAPHS AND MAPS

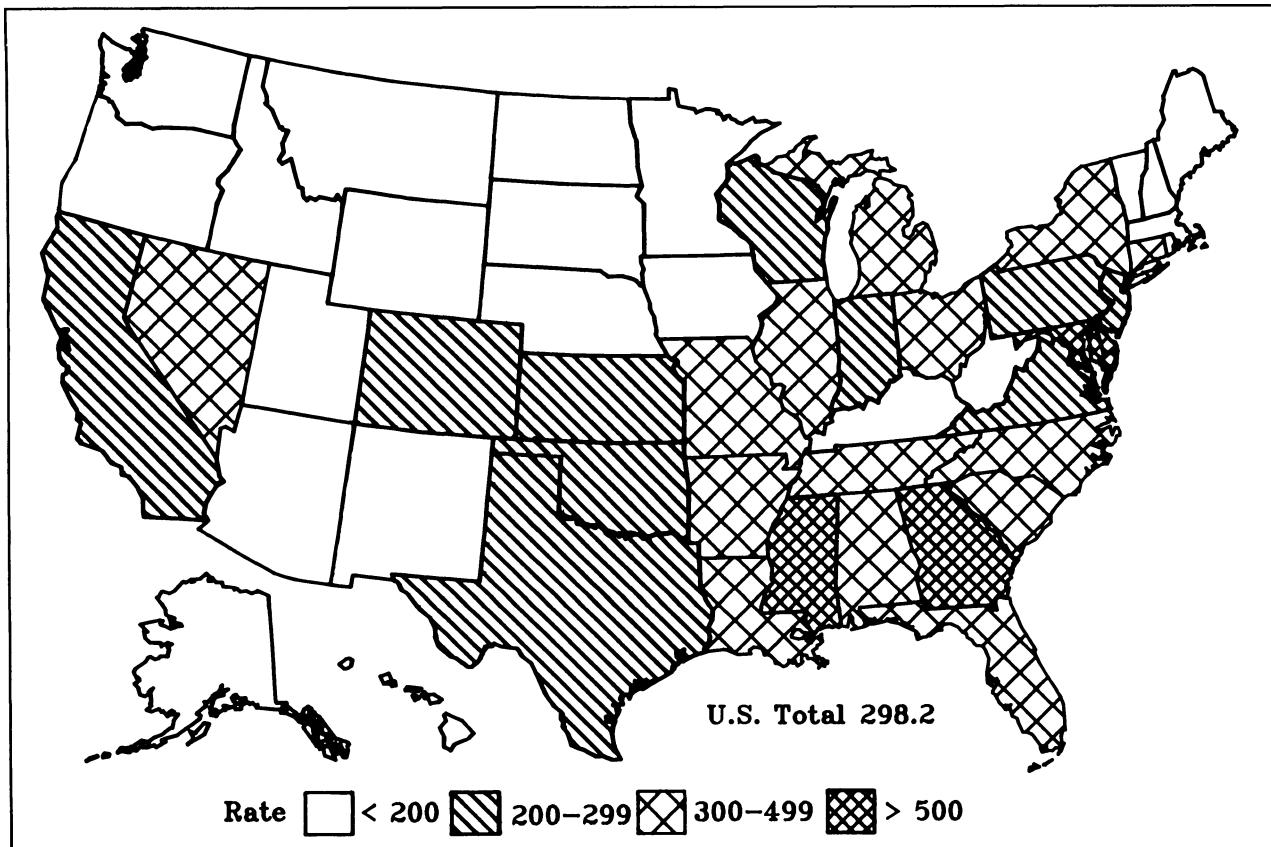
DIPHTHERIA — By year, United States, 1955–1989



GONORRHEA — By sex, United States, 1960–1989

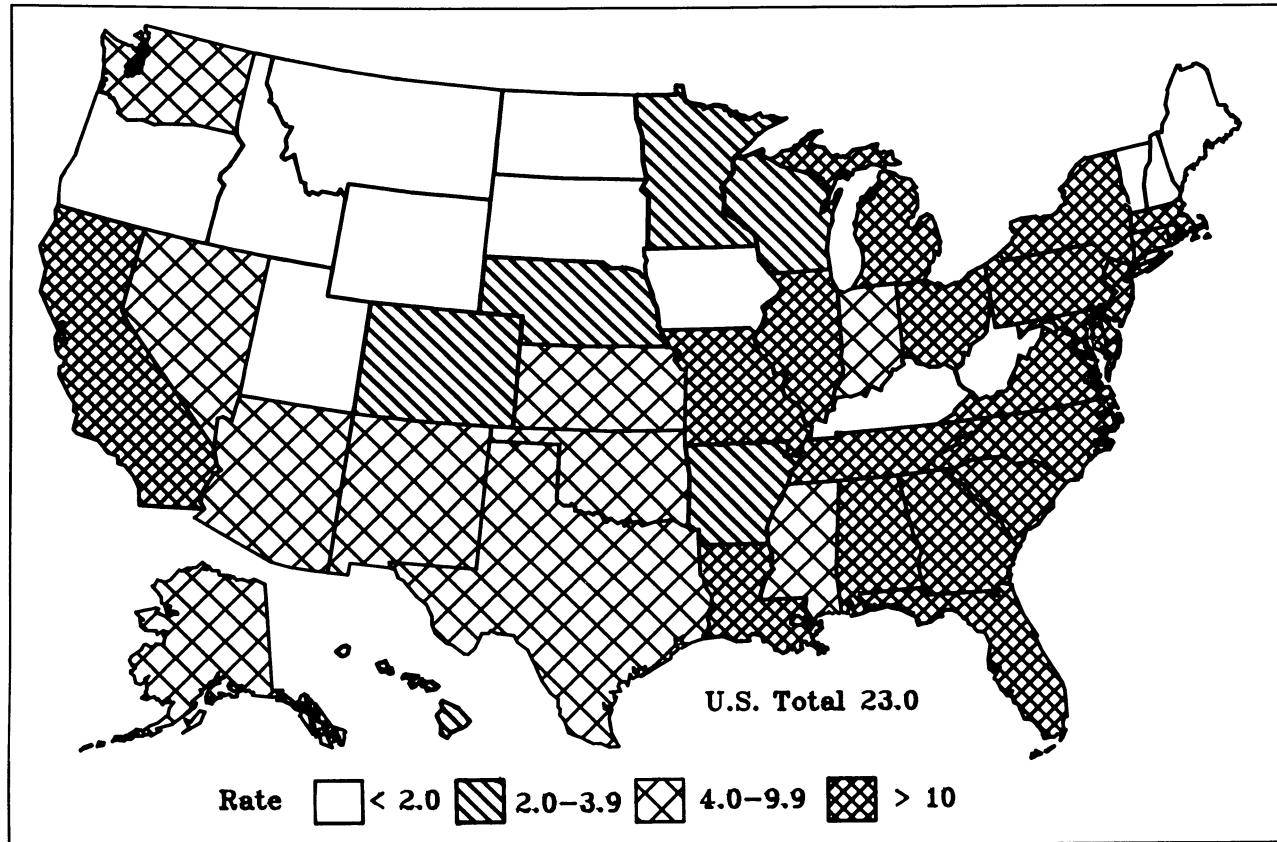


GONORRHEA — By state,* United States, 1989

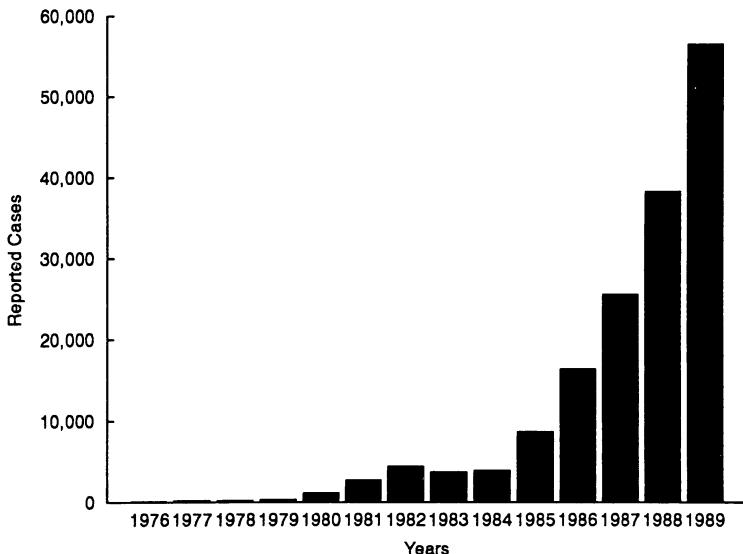


*Based on reported cases per 100,000 population.

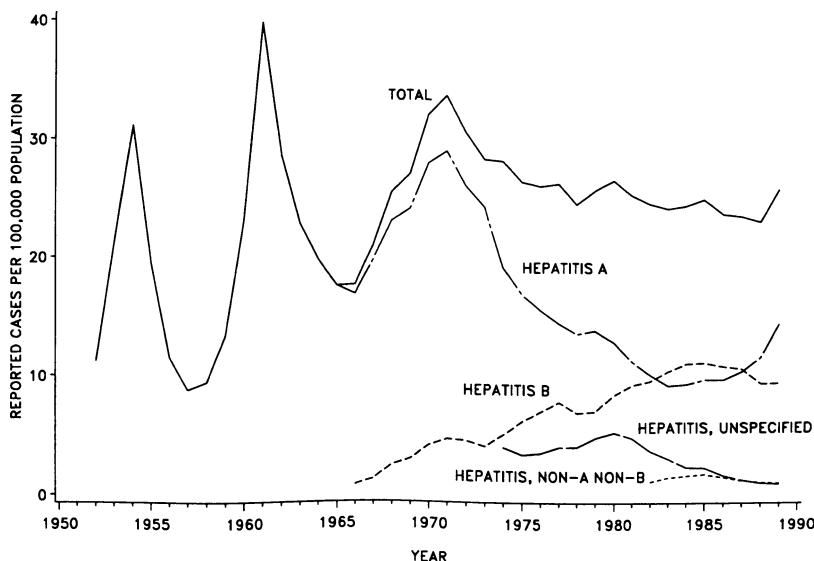
GONORRHEA — Total resistant strains, by state,* United States, 1989

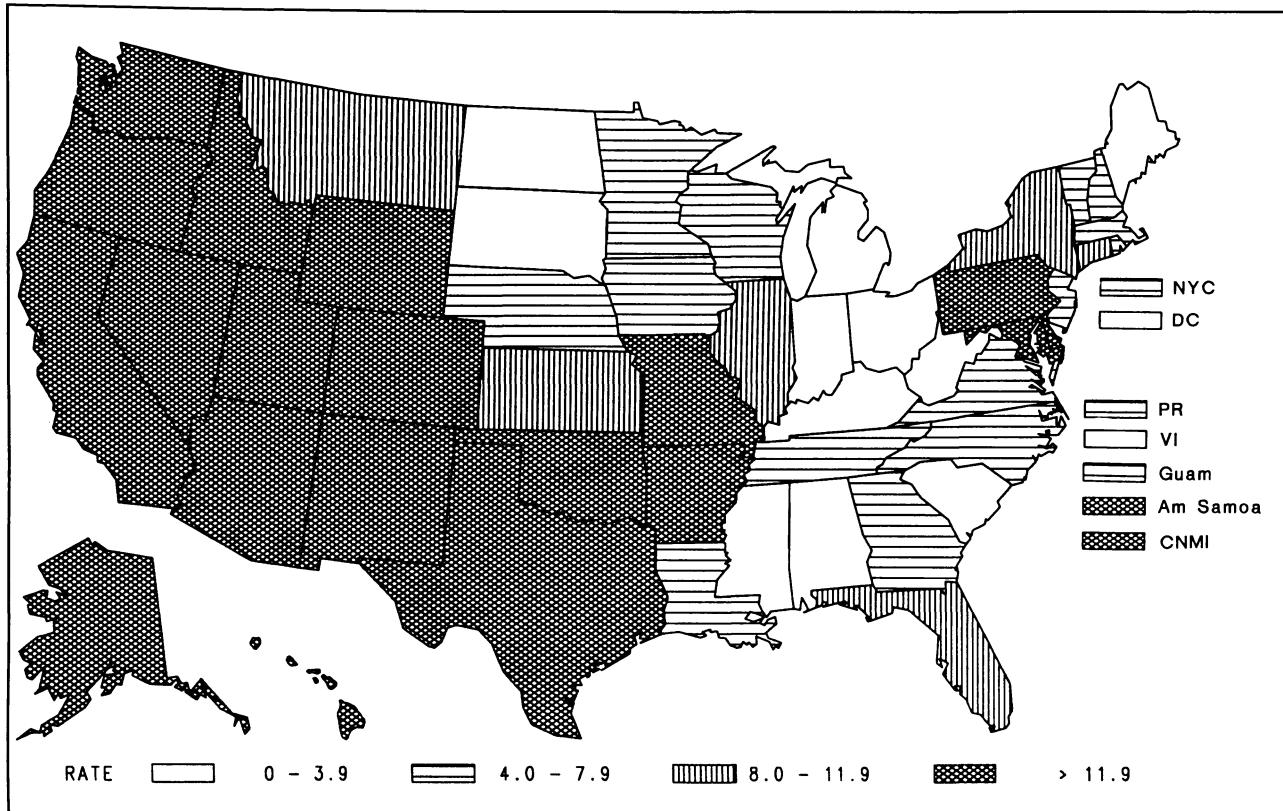


*Based on reported cases per 100,000 population.

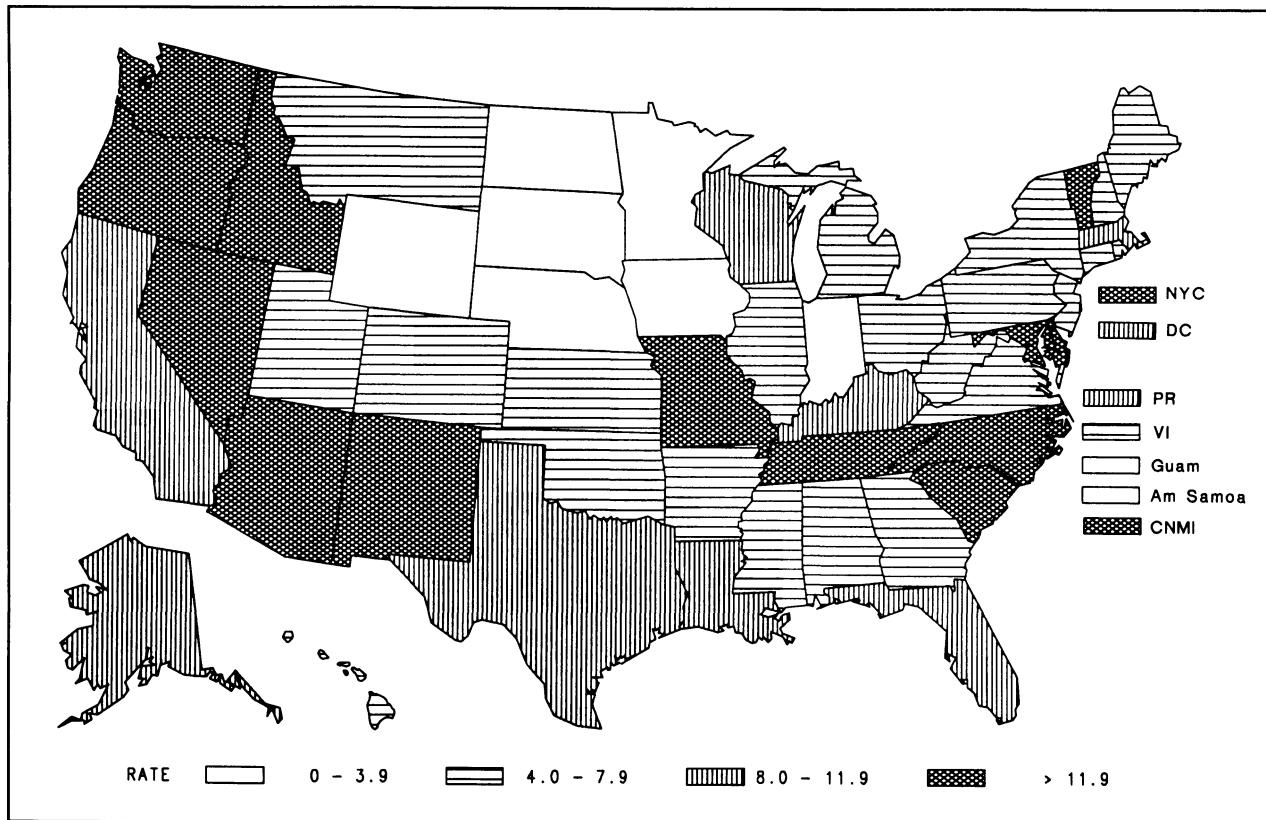
GONORRHEA — Total resistant strains, United States, 1976–1989

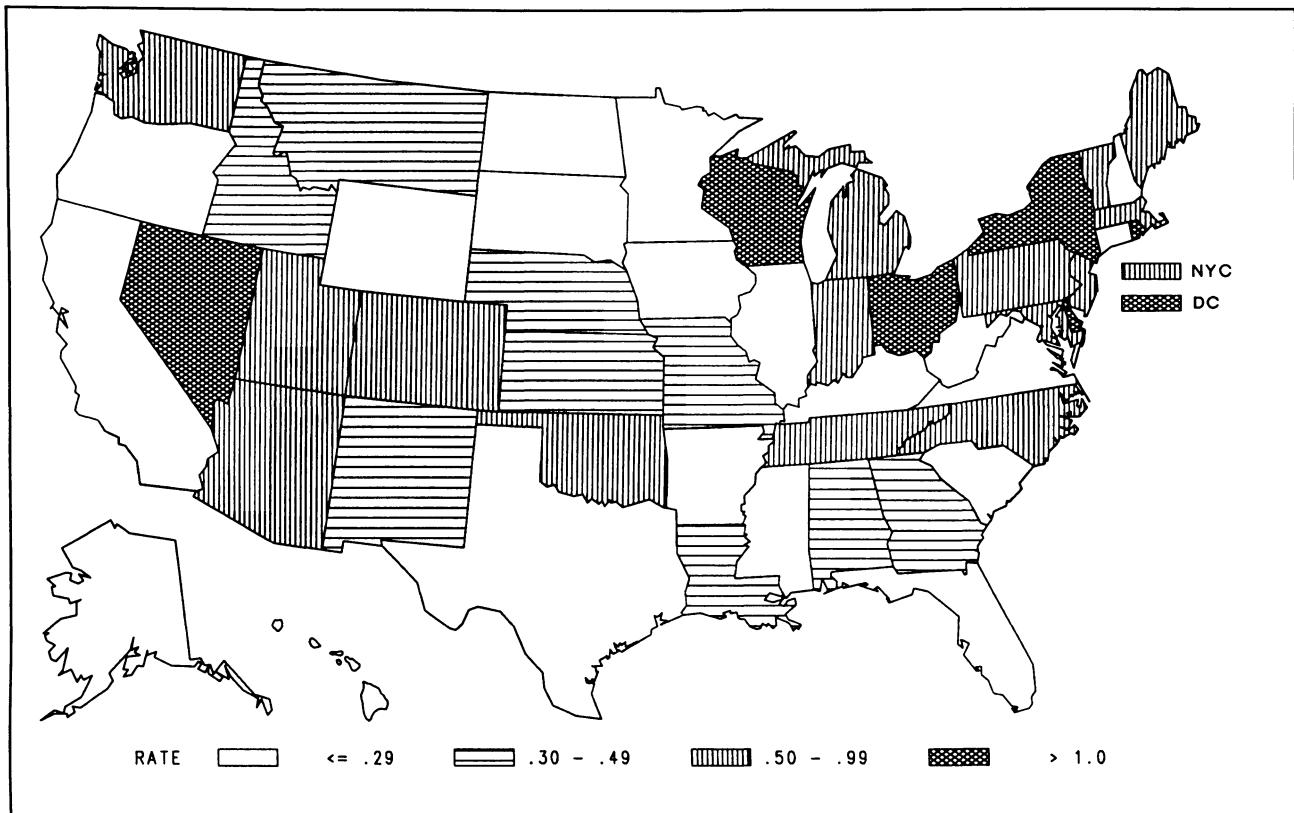
First case reported in March 1976. Greater than 95% of resistant strains represents penicillinase-producing *Neisseria gonorrhoeae* (PPNG).

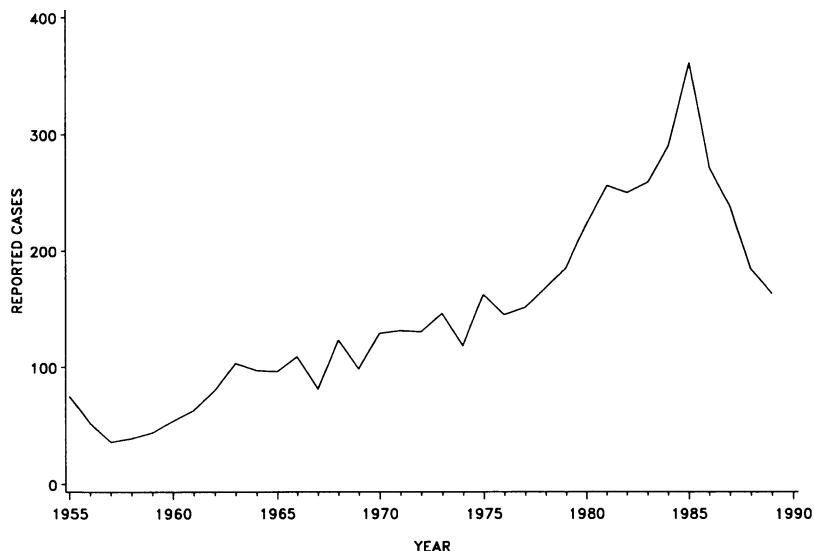
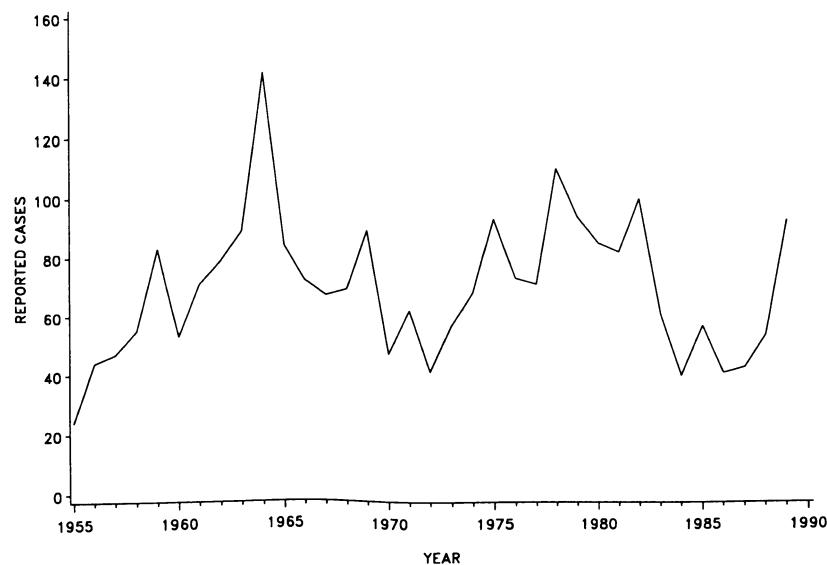
HEPATITIS — By year, United States, 1952–1989

HEPATITIS A – Reported cases, per 100,000 population, United States, 1989

HEPATITIS B – Reported cases, per 100,000 population, United States, 1989

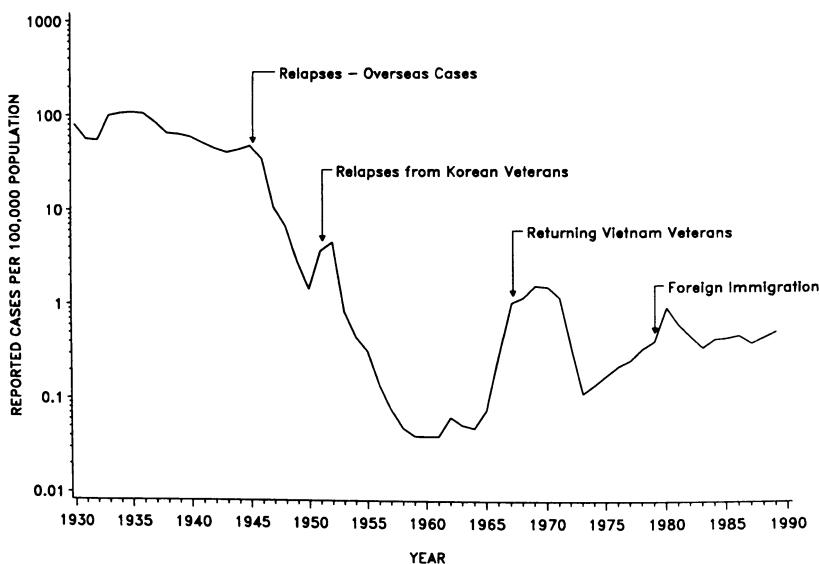


LEGIONELLOSIS – Reported cases, per 100,000 population, United States, 1989

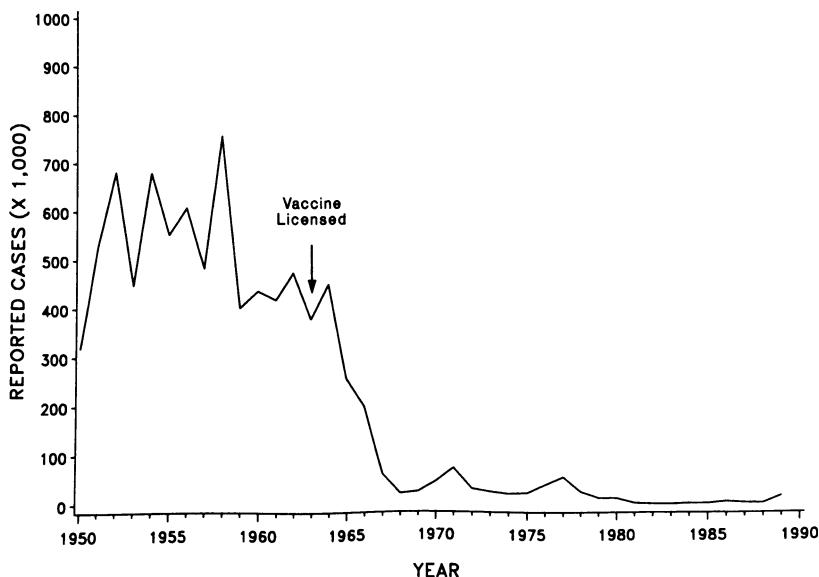
LEPROSY — By year, United States, 1955–1989**LEPTOSPIROSIS — By year, United States, 1955–1989**

GRAPHS AND MAPS

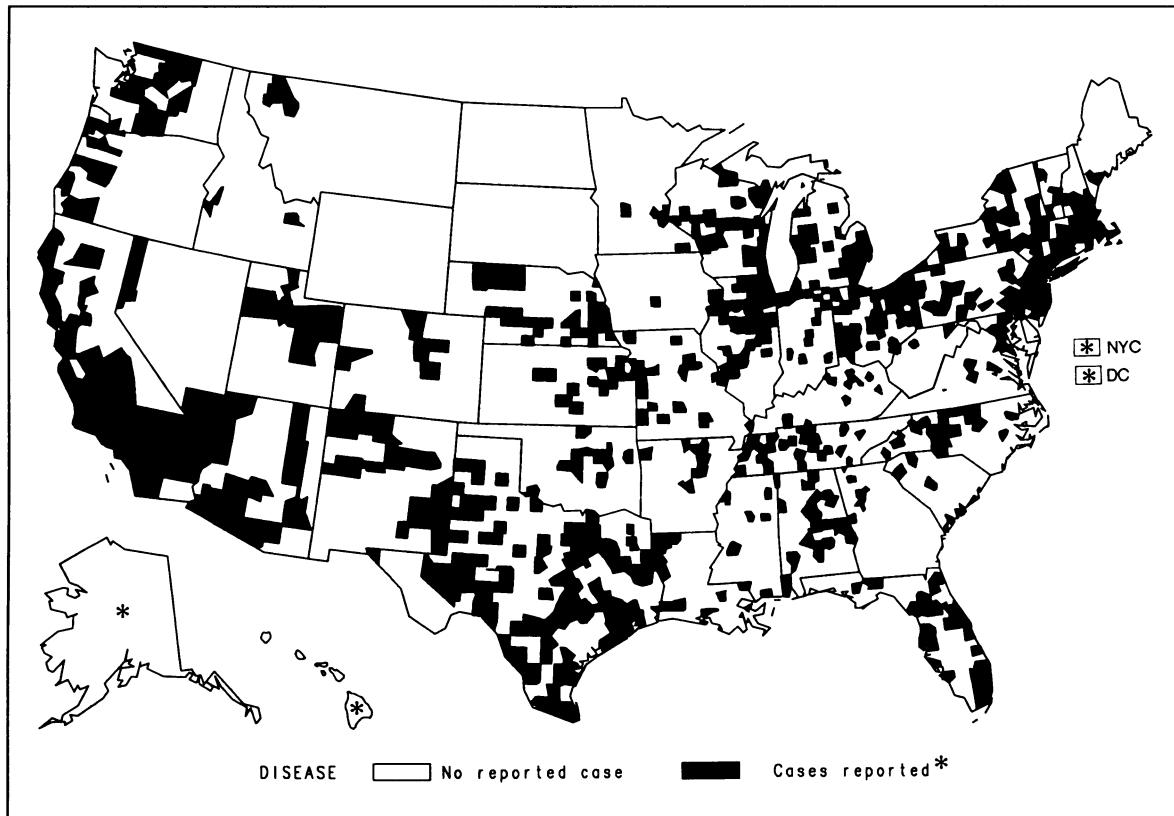
MALARIA — By year, United States, 1930–1989



MEASLES (rubeola) — by year, United States, 1950–1989

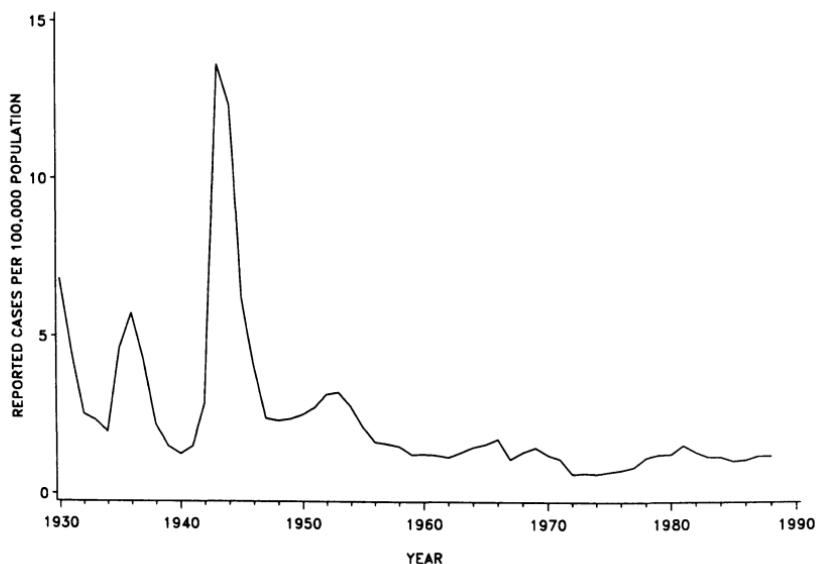


MEASLES (rubeola) — Counties reporting cases, United States, 1989

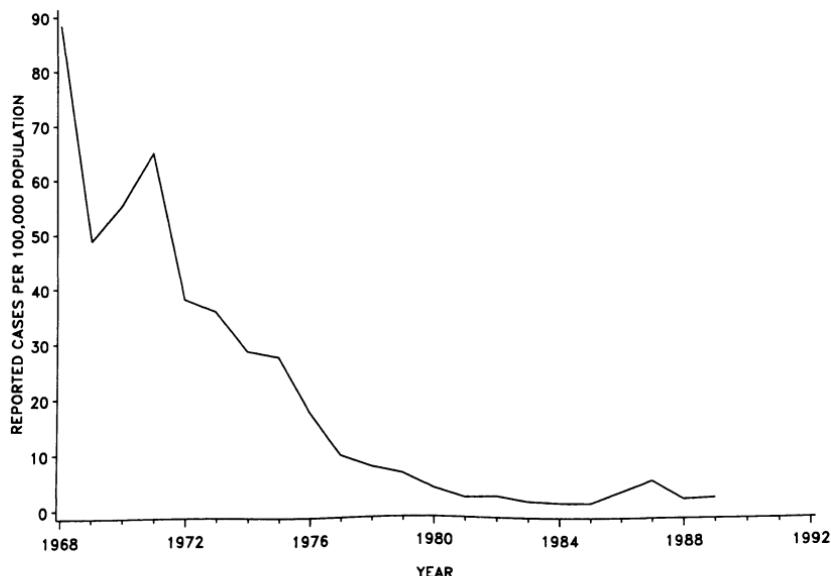


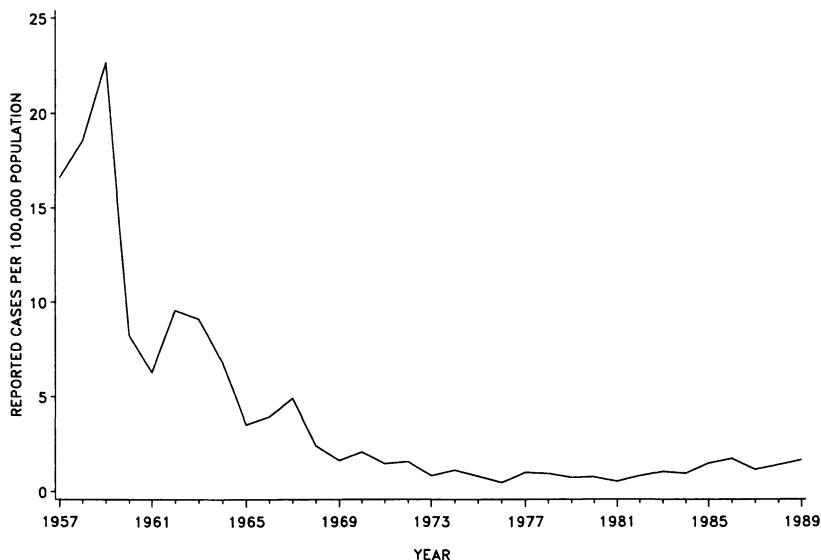
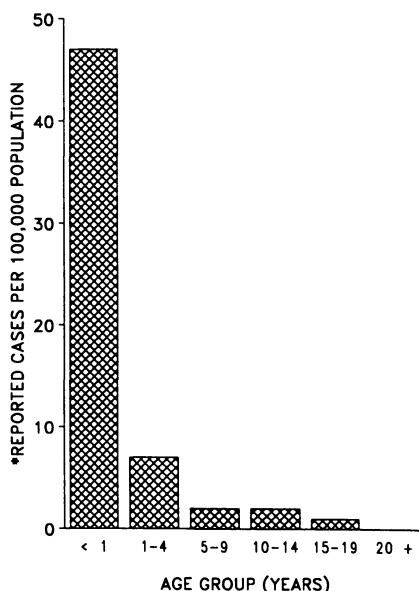
GRAPHS AND MAPS

MENINGOCOCCAL INFECTION – By year, United States, 1930–1989



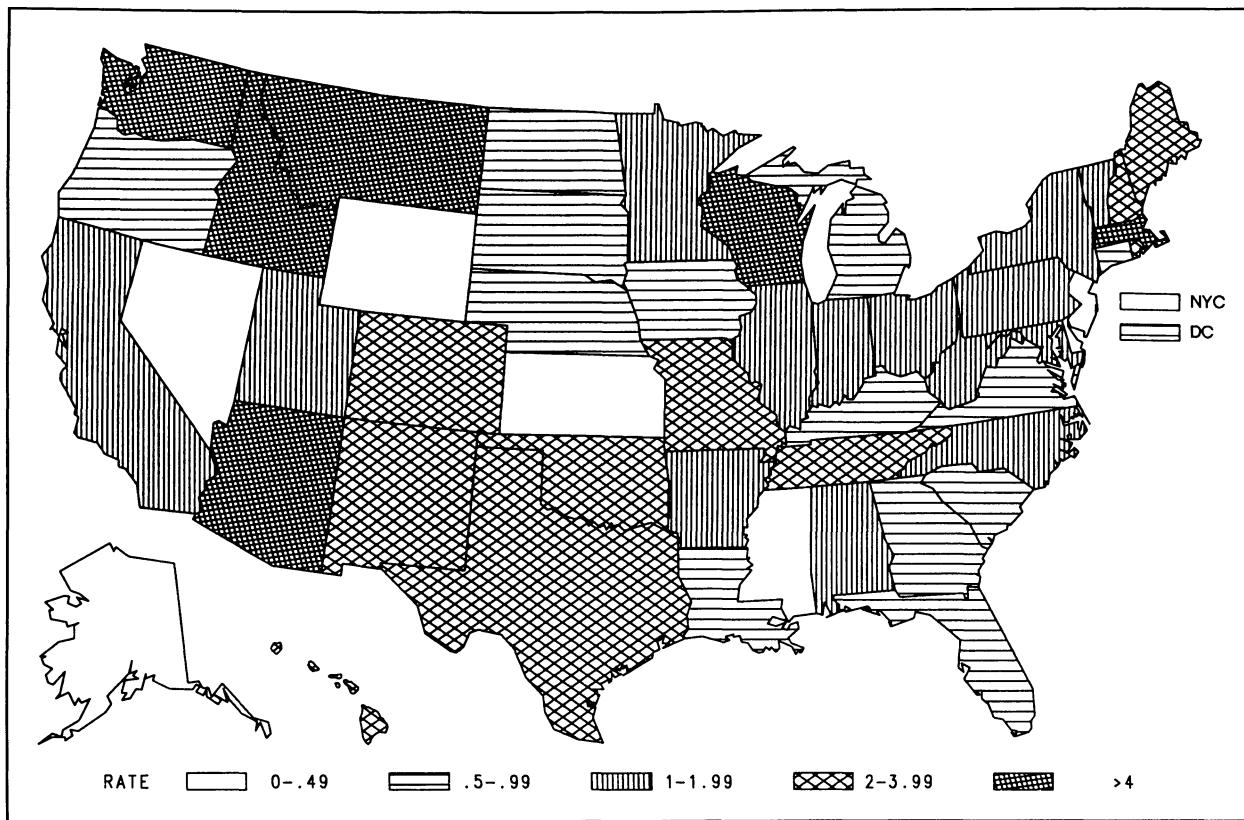
MUMPS – By year, United States, 1968–1989



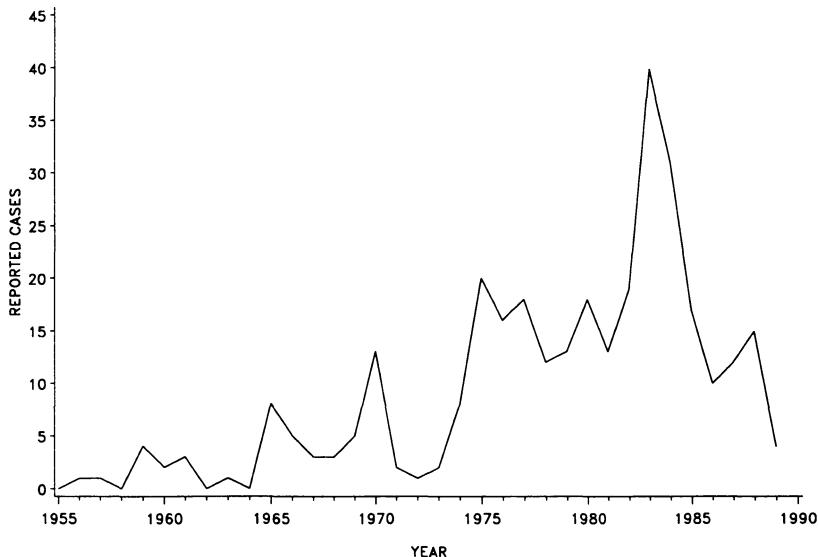
PERTUSSIS (whooping cough) – By year, United States, 1957–1989**PERTUSSIS (whooping cough) – By age group, United States, 1989**

*Rates were calculated by multiplying the percentage of cases with known age group by total reported cases and dividing by the population in that age group.

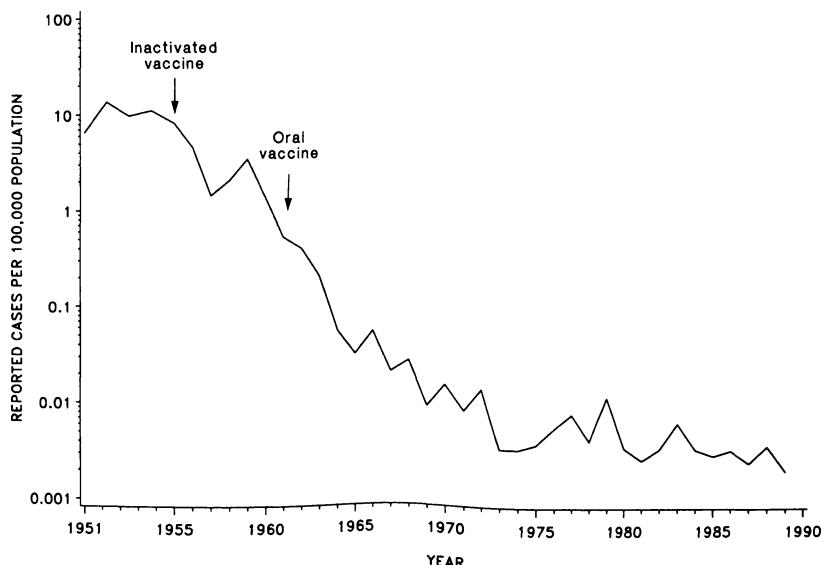
PERTUSSIS (whooping cough) – Reported cases per 100,000 population, United States, 1989



PLAQUE – In humans, by year, United States, 1955–1989

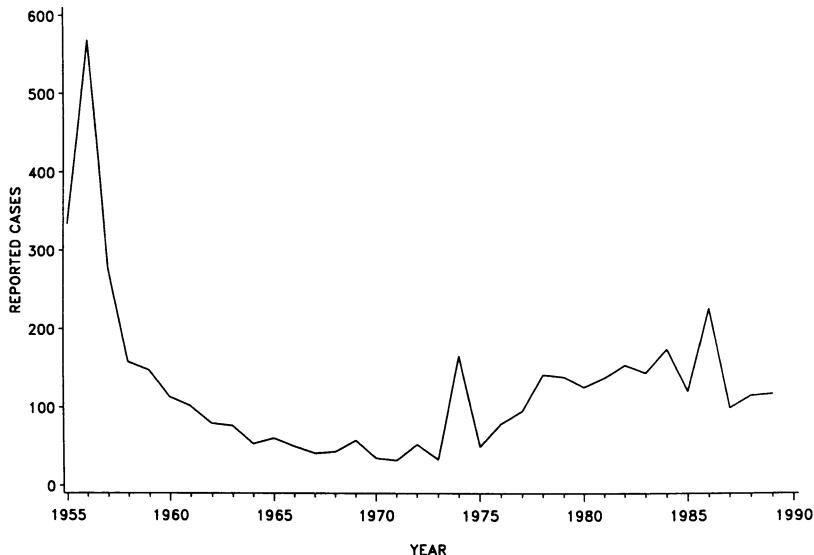


POLIOMYELITIS (paralytic) – By year, United States, 1951–1989

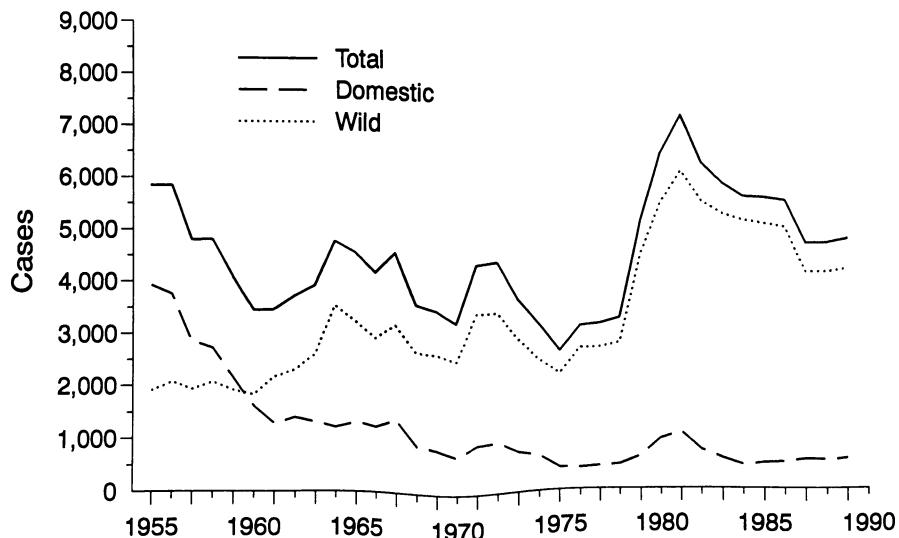


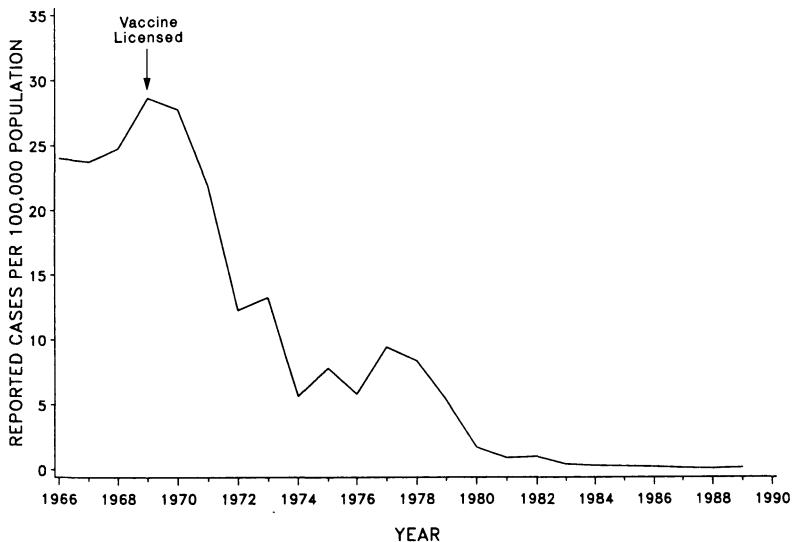
GRAPHS AND MAPS

PSITTACOSIS – By year, United States, 1955–1989



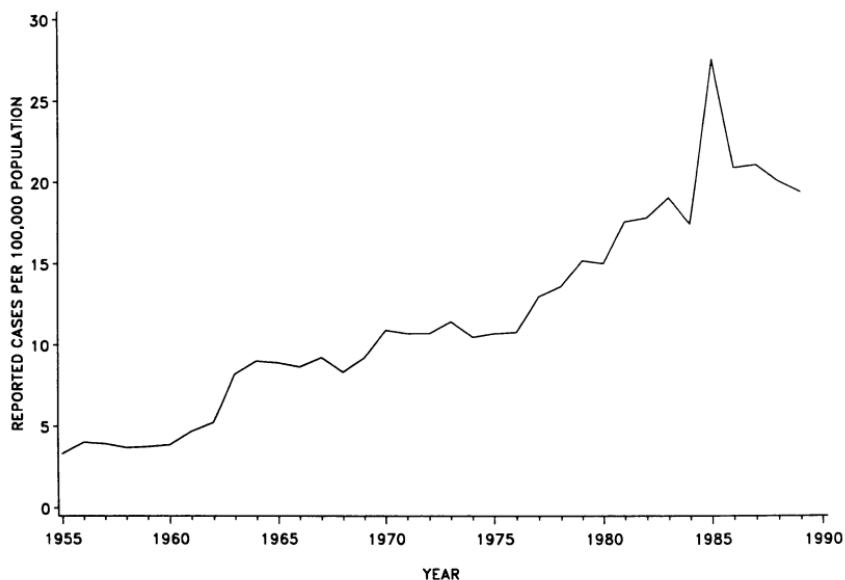
RABIES – Wild and domestic animals, by year, United States and Puerto Rico, 1955–1989



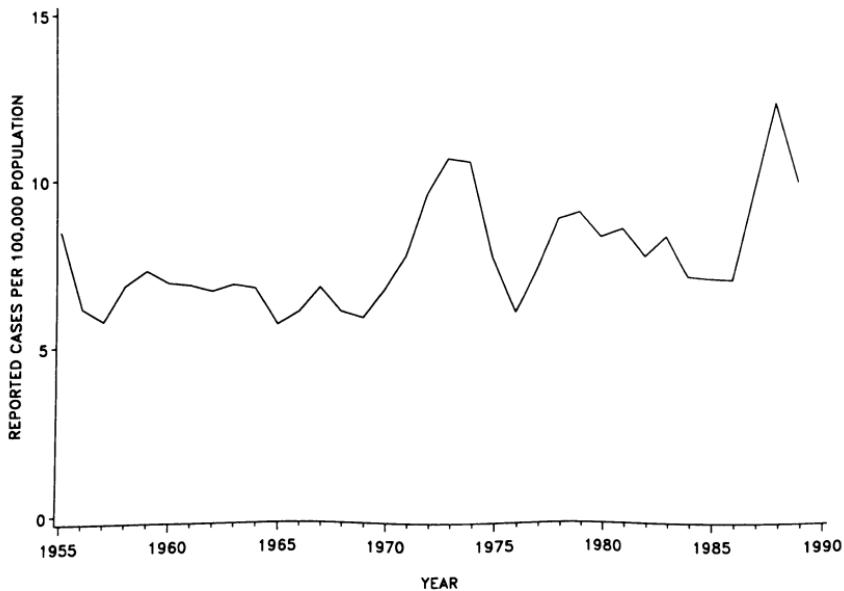
RUBELLA (German measles) — By year, United States, 1966–1989

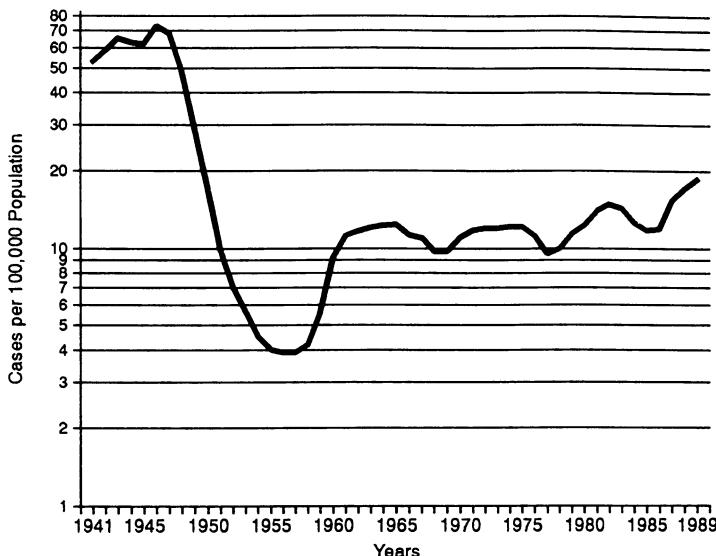
GRAPHS AND MAPS

SALMONELLOSIS (excluding typhoid fever) – By year, United States, 1955–1989

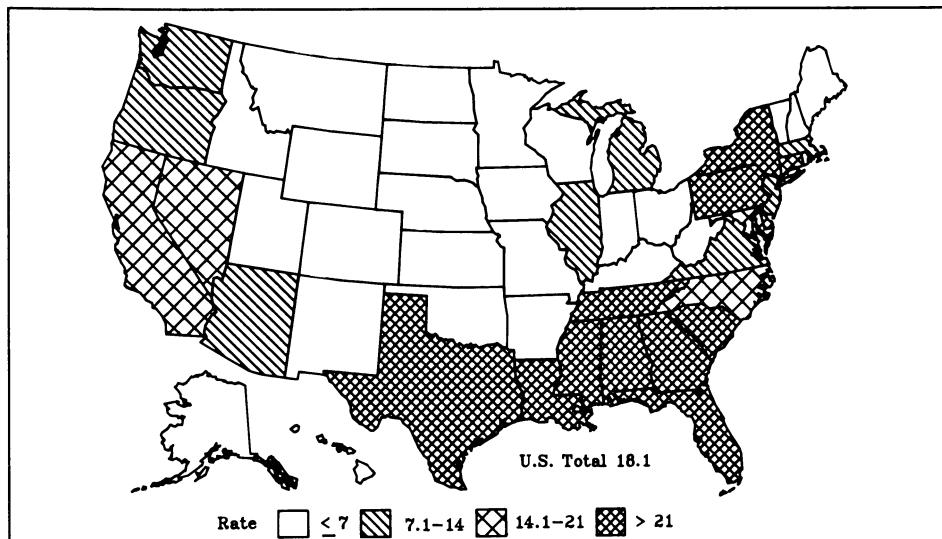


SHIGELLOSIS – By year, United States, 1955–1989



SYPHILIS (primary and secondary) – By year, United States, 1941–1989*

*1941–1946 fiscal years (12-month period ending June 30); 1947–1988 calendar years.

SYPHILIS (primary and secondary) – By state,* United States, 1989

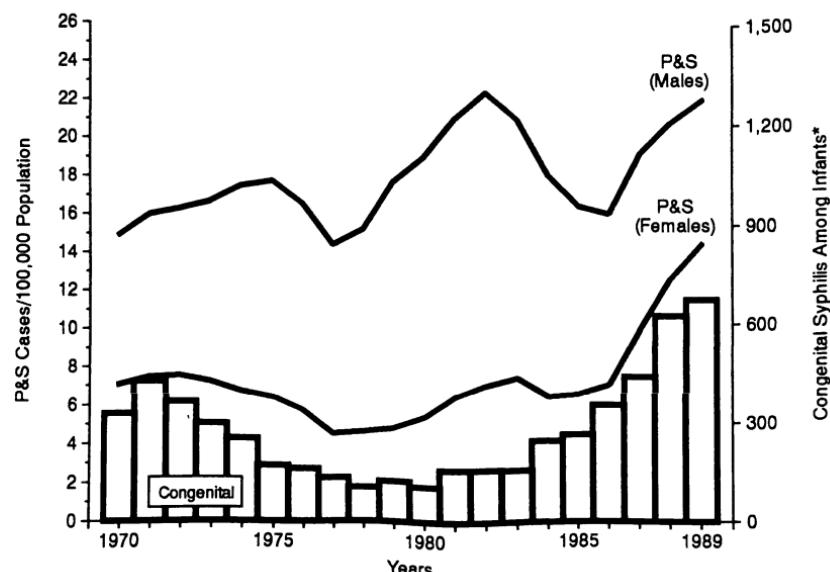
*Based on reported cases per 100,000 population.

GRAPHS AND MAPS

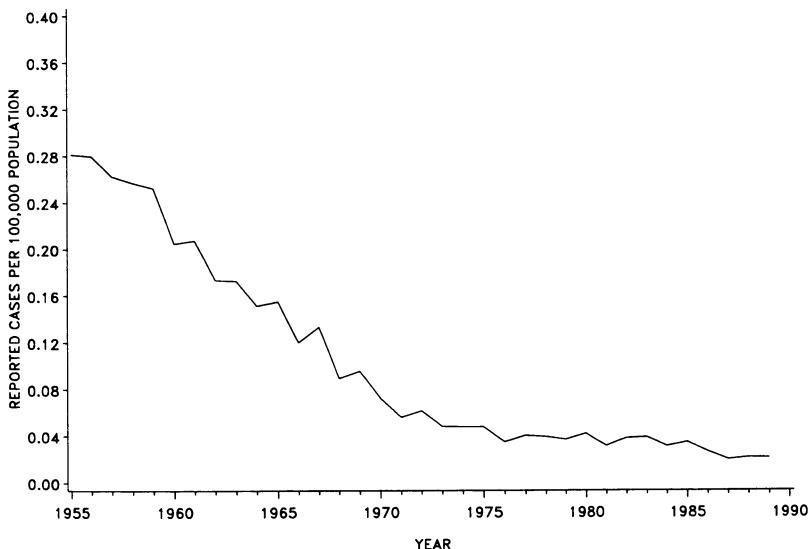
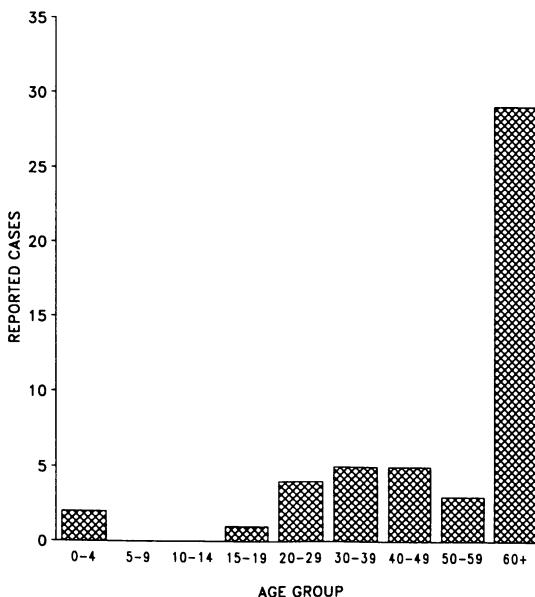
SYPHILIS (primary and secondary) – By sex, United States, 1956–1989



SYPHILIS, congenital (under 1 year) and primary and secondary (P&S) – By sex, United States, 1970–1989

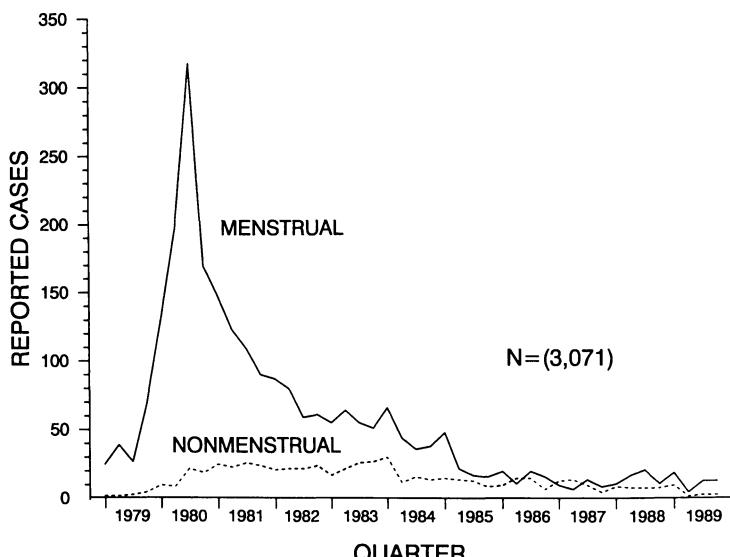


*Under 1 year of age.

TETANUS – By year, United States, 1955–1989**TETANUS – By age group, United States, 1989**

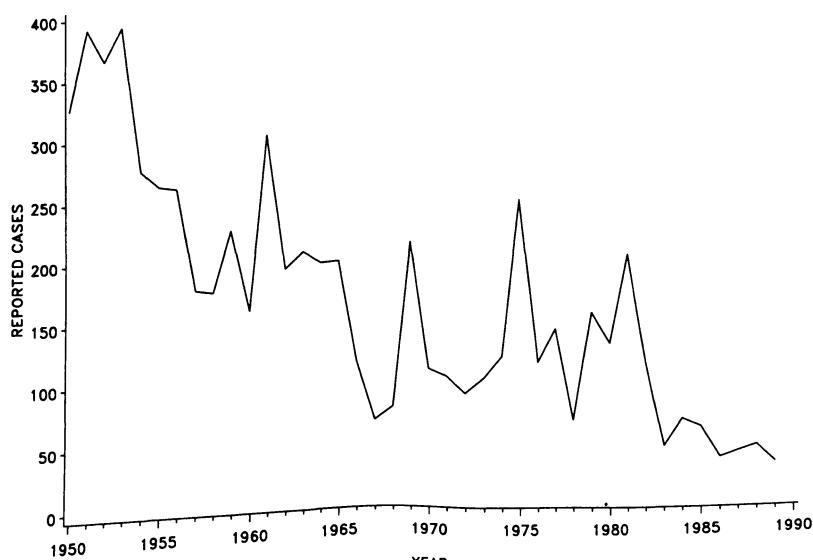
GRAPHS AND MAPS

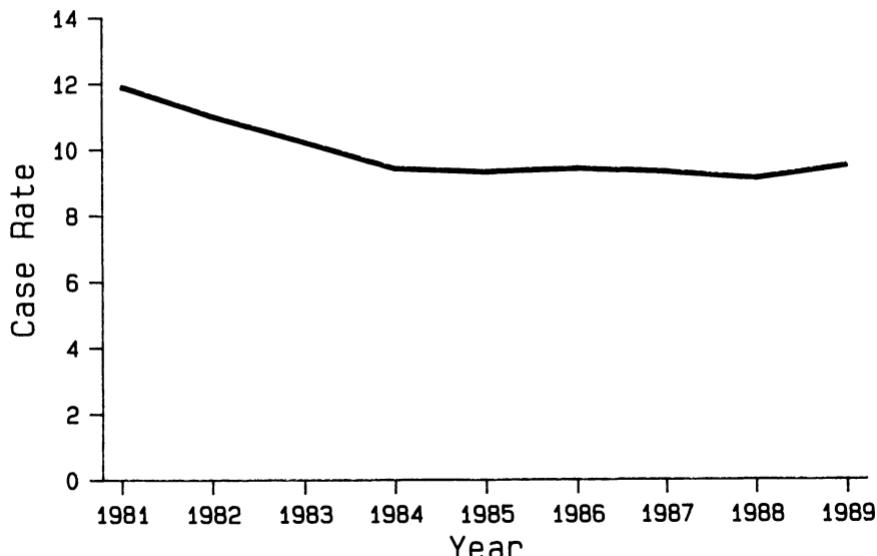
TOXIC-SHOCK SYNDROME – By quarter, United States, 1979–1989*



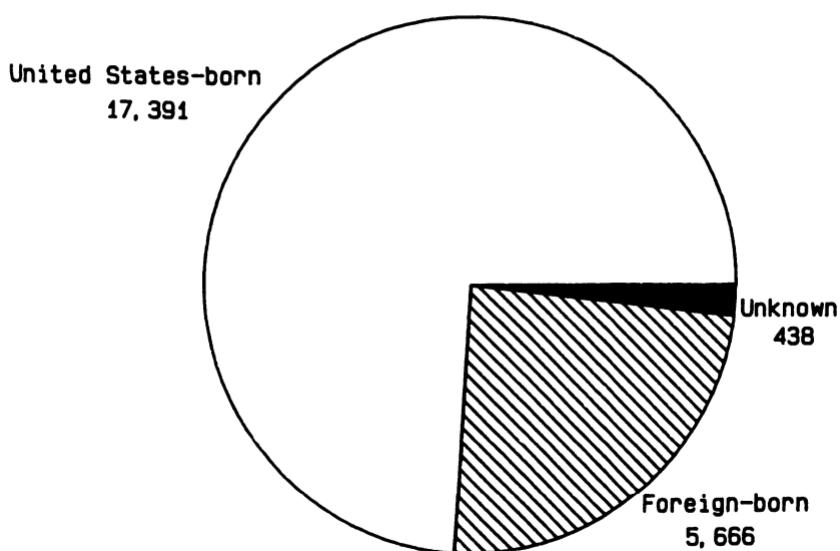
*Includes only cases meeting the CDC case definition.

TRICHINOSIS – By year, United States, 1950–1989

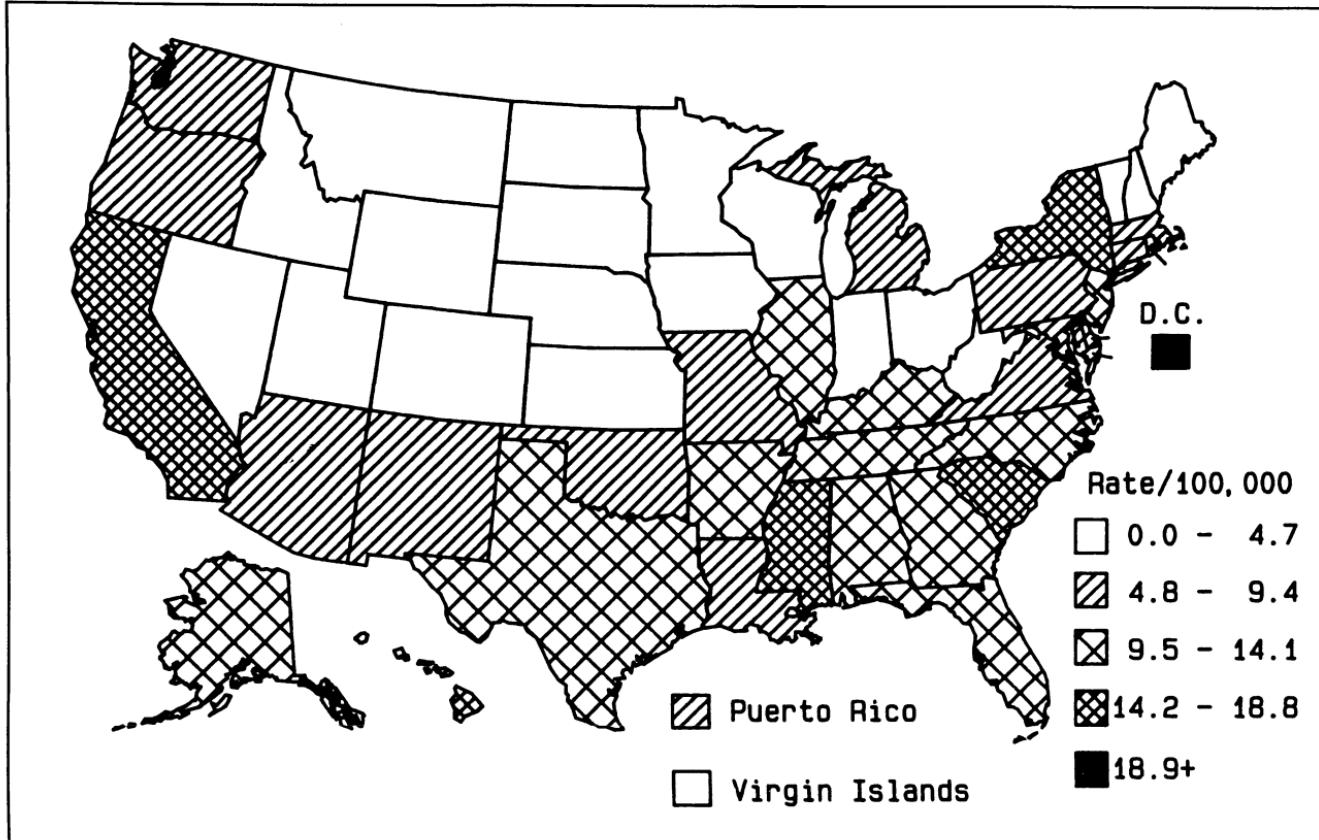


TUBERCULOSIS — Case rates, United States, 1981–1989

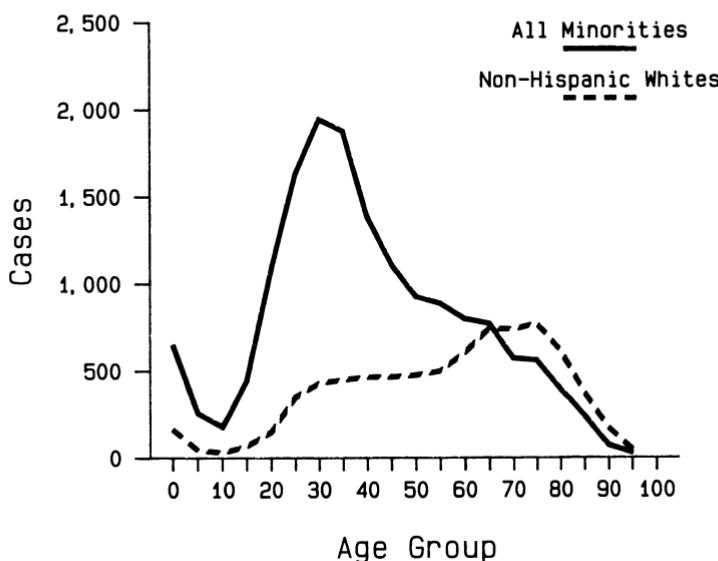
Rate per 100,000 population.

TUBERCULOSIS — Cases, United States-born and foreign-born, 1989

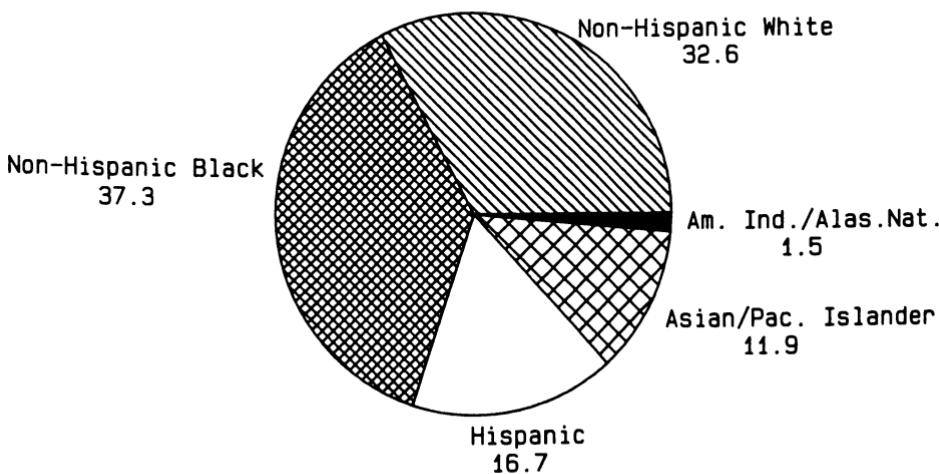
TUBERCULOSIS – Rates by state, United States, 1989



**TUBERCULOSIS — Frequency distribution of cases by age, race, and ethnicity,
United States, 1989**

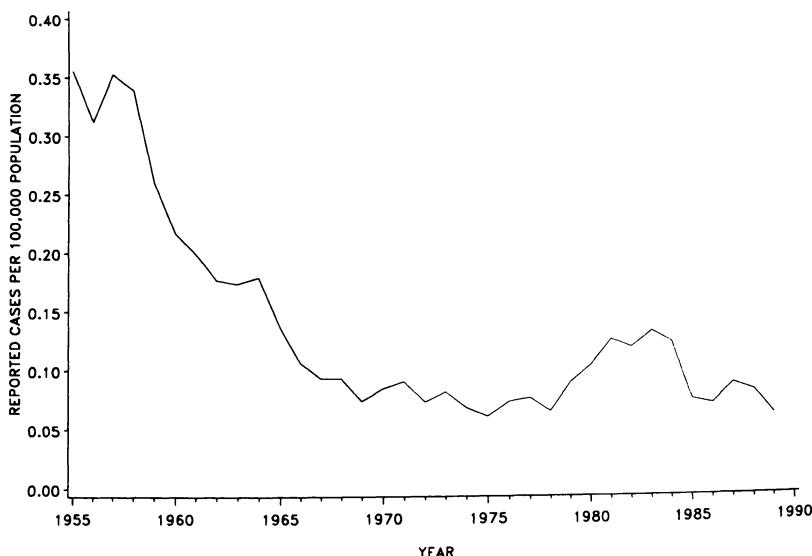


TUBERCULOSIS — Percentage of cases by race and ethnicity, United States, 1989

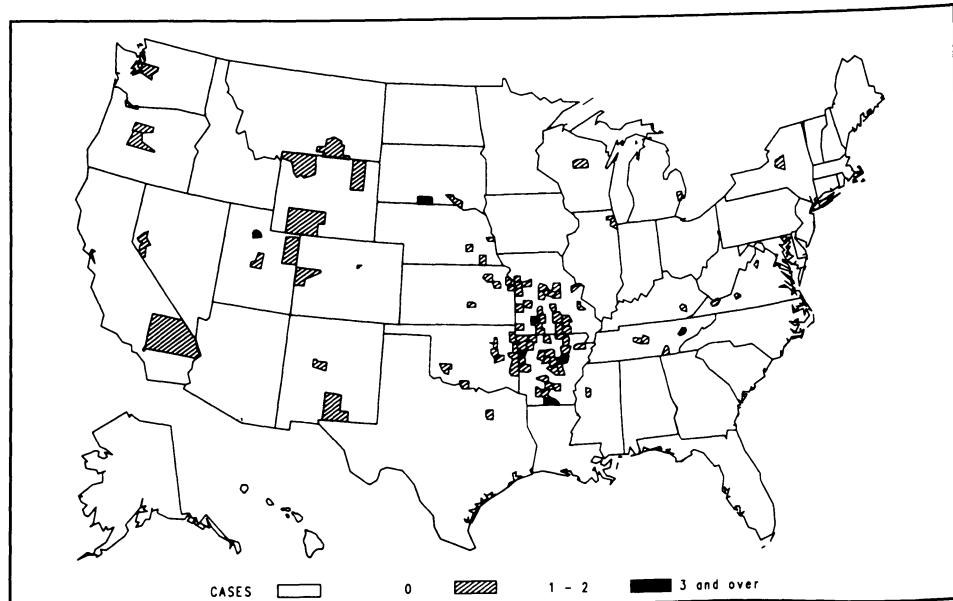


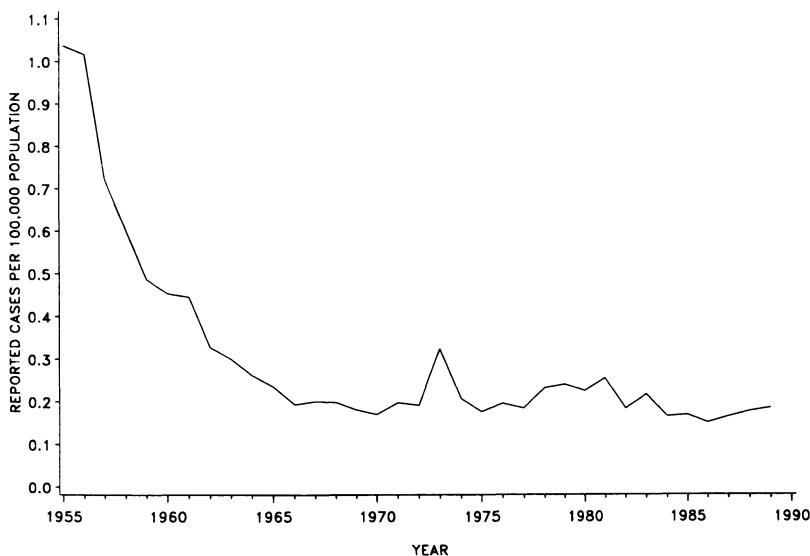
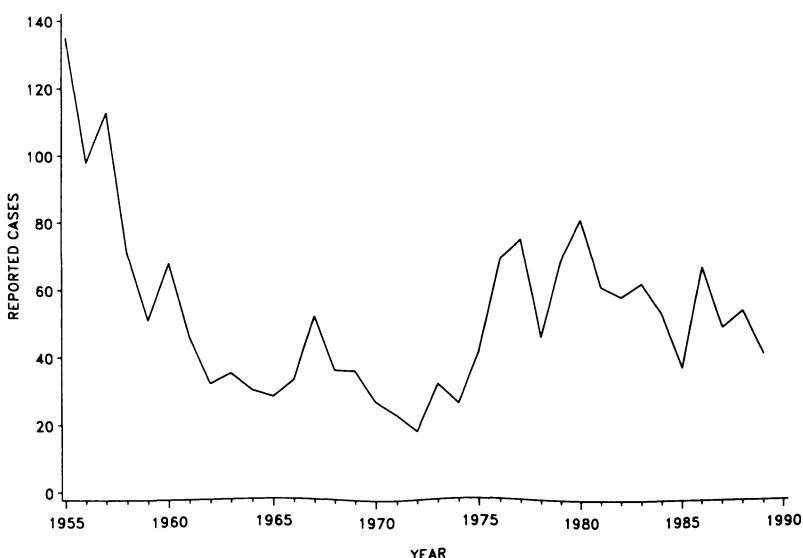
GRAPHS AND MAPS

TULAREMIA – By year, United States, 1955–1989



TULAREMIA – Reported cases, by county, United States, 1989



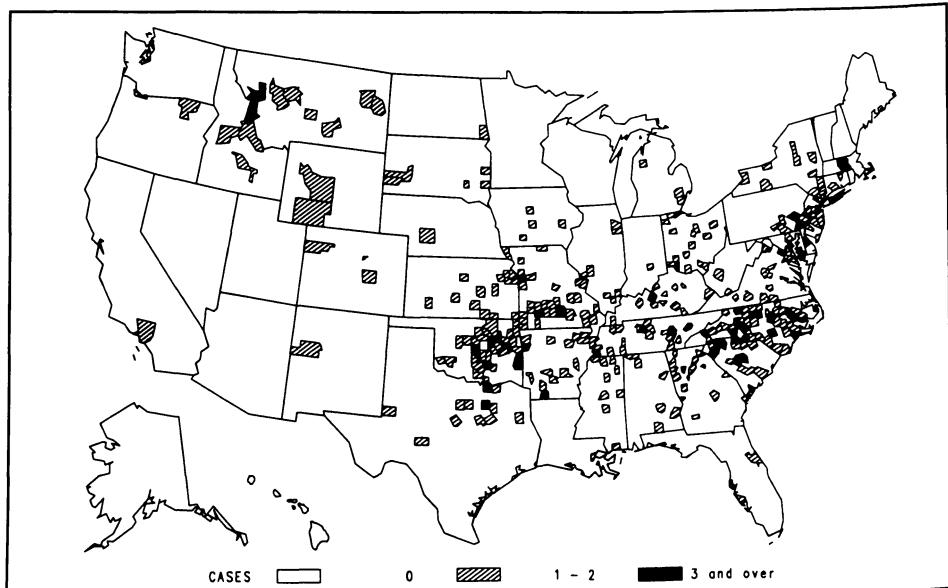
TYPHOID FEVER — By year, United States, 1955–1989**TYPHUS FEVER, FLEA-BORNE (endemic, murine) — By year, United States, 1955–1989**

GRAPHS AND MAPS

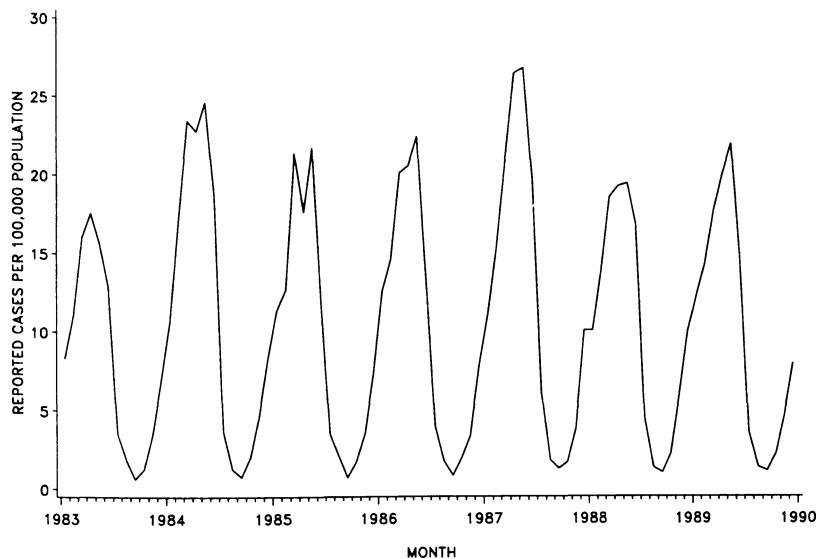
TYPHUS FEVER, TICK-BORNE (Rocky Mountain spotted fever) — By year, United States, 1955–1989

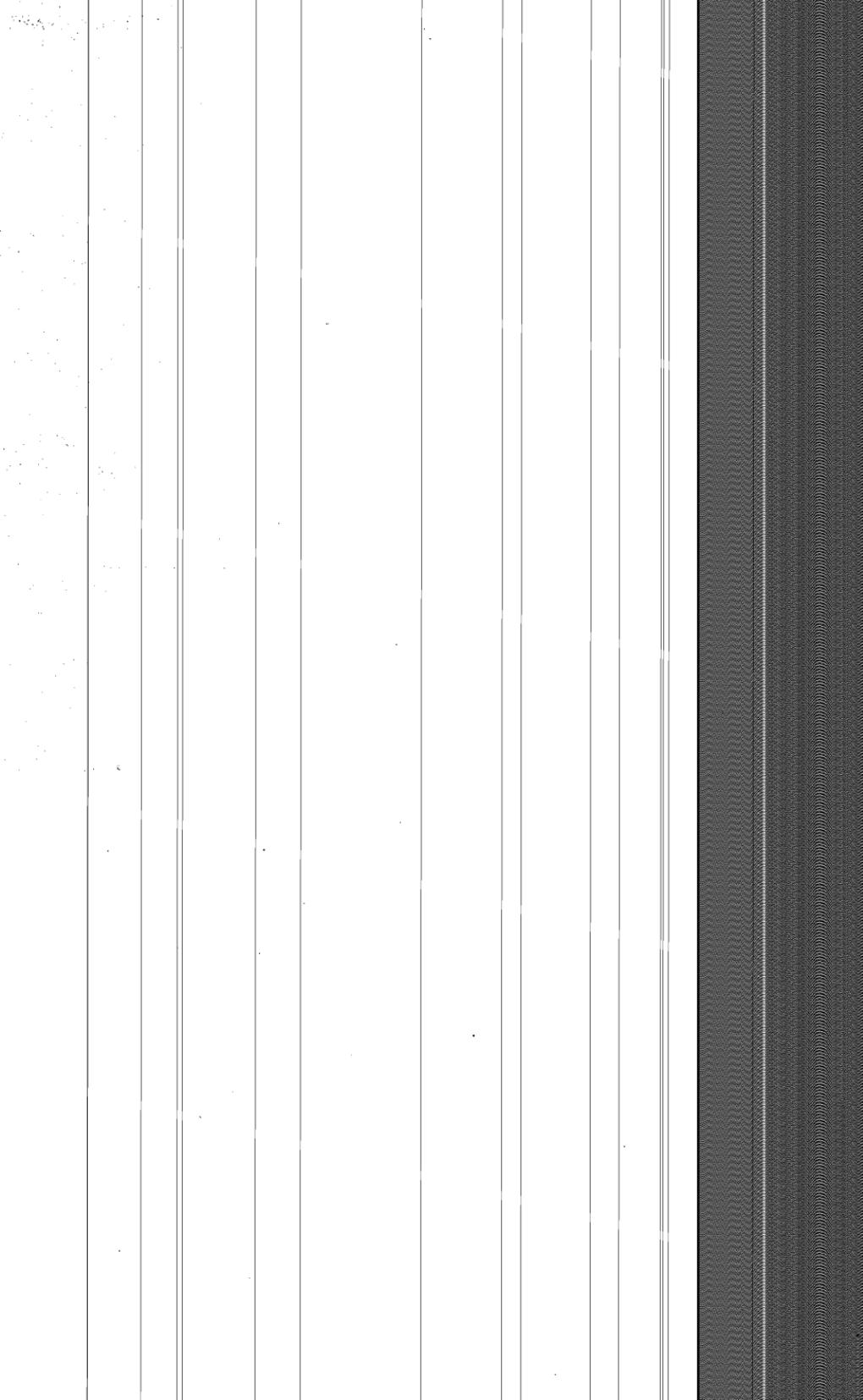


TYPHUS FEVER, TICK-BORNE (Rocky Mountain spotted fever) — Reported cases, by county, United States, 1989



VARICELLA (chickenpox) – By month, United States, 1983–1989





PART 3:

Historical Summary Tables

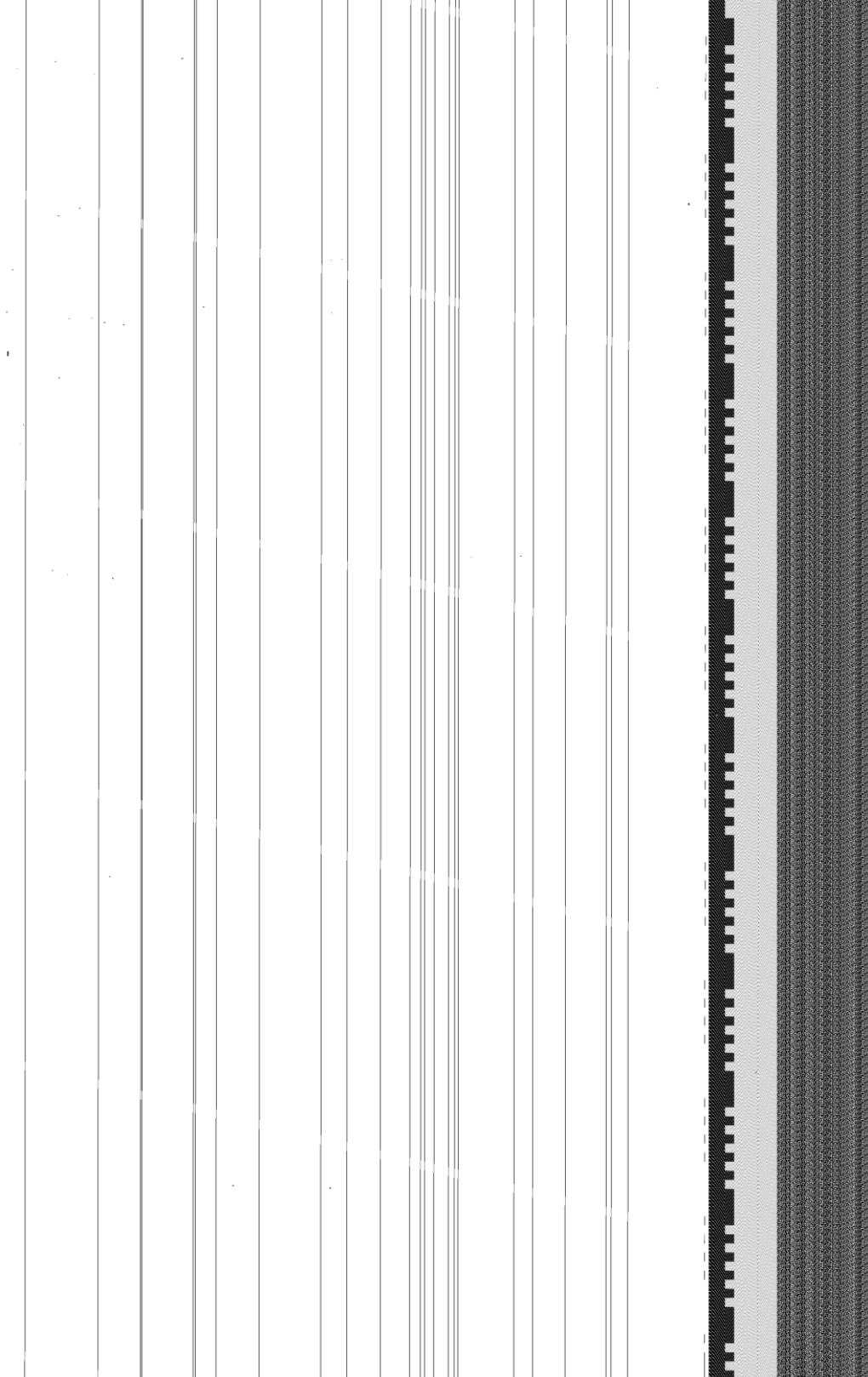


TABLE 1. NOTIFIABLE DISEASES — SUMMARY OF REPORTED CASES, UNITED STATES, 1980–1989

U.S. total resident population (in thousands)									
1980 census; July 1 est. 1981–1989									
248,239	1989	1988	1987	1986	1985	1984	1983	1982	1980
3,222	—	—	—	—	—	—	—	—	—
3,217	2,101	2,102	1,212	1,213	1,352	4,434	4,445	6,632	5,271
Amelioris	—	—	—	—	—	—	—	—	—
Acquired immunodeficiency syndrome (AIDS)	3,222	2,450,807	2,443,400	2,41,078	2,38,740	2,36,158	2,33,981	2,31,543	2,29,307
Boutinism, total (including wound and unspl.)	10,274	7,242	11,487	11,174	10,619	8,326	12,966	9,680	8,028
Cholera	4,692	5,001	4,998	3,756	2,067	4	1	1	1
Chancroid, (diphtheria fever)	95	96	129	106	153	151	131	132	183
Chancroidis (syphilis, lymphogranuloma venereum)	733,151	719,536	780,905	900,988	911,141	828,565	900,455	906,633	900,664,029
Gonorrhea	733,151	719,536	780,905	900,988	911,141	828,565	900,455	906,633	900,664,029
Hepatitis, unspecified	2,306	2,270	3,940	3,102	3,940	5,531	7,149	8,964	10,975
Hepatitis, non-A, non-B	2,525	2,191	2,799	2,634	2,617	2,617	2,617	2,617	2,152
Hepatitis B	2,419	2,317	2,591	2,340	2,312	2,312	2,312	2,312	2,177
Hepatitis C	3,521	2,807	2,580	2,340	2,30	2,30	2,30	2,30	2,081
Gonorrhoea	1,190	1,085	1,138	948	830	750	852	808	408
Leprosy	163	238	270	361	290	293	252	256	222
Malaria	179	109	123	109	107	107	105	105	102
Measles	1,777	1,099	944	1,123	1,093	1,070	1,055	1,055	1,026
Measles (rubella)	1,73	3,595	3,555	2,822	2,822	2,766	1,947	1,714	1,306
Meningoencephalitis, total	2,727	2,964	2,340	2,634	2,624	2,624	2,624	2,624	2,405
Mumps	5,121	4,956	1,730	1,248	1,248	1,248	1,248	1,248	1,130
Pneumonia (whooping cough)	4,157	3,450	4,195	3,595	3,595	2,276	2,435	1,895	1,724
Pneumonia, total	5	9	6	8	7	8	15	15	8
Rabies, animal	4,724	4,655	5,504	5,565	5,565	5,876	6,625	7,118	6,421
Rabies, human	144	158	141	147	90	117	88	96	432
Rheumatic fever, acute	144	—	—	—	1	1	2	2	1
Rheumatic fever, chronic	144	158	141	147	90	117	88	96	432
Rheumatic heart disease	396	225	306	551	51	75	2,207	1,377	1,305
Rheumatic synovitis	25,010	30,018	48,018	49,988	65,373	40,986	44,986	39,980	19,315
Rheumatoid arthritis	110,379	103,351	98,425	97,138	17,137	17,137	19,137	19,135	19,041
Rheumatoid synovitis	110,379	103,351	98,425	97,138	17,137	17,137	19,137	19,135	19,041
Ringworm	1,742	1,742	1,742	1,742	1,742	1,742	1,742	1,742	1,742
Scabies	1,742	1,742	1,742	1,742	1,742	1,742	1,742	1,742	1,742
Schistosomiasis	400	300	372	42	38	42	42	42	95
Tetanus	55	53	53	54	54	54	54	54	54
Toxic shock syndrome	1,742	1,742	1,742	1,742	1,742	1,742	1,742	1,742	1,742
Tuberculosis	1,742	1,742	1,742	1,742	1,742	1,742	1,742	1,742	1,742
Tuberculosis, extrinsic	1,742	1,742	1,742	1,742	1,742	1,742	1,742	1,742	1,742
Tuberculosis, intrinsic	1,742	1,742	1,742	1,742	1,742	1,742	1,742	1,742	1,742
Typhoid fever	1,742	1,742	1,742	1,742	1,742	1,742	1,742	1,742	1,742
Vesicular stomatitis	185,441	192,857	213,196	113,234	178,182	22,255	23,846	25,520	27,733
Yaws	185,441	192,857	213,196	113,234	178,182	22,255	23,846	25,520	27,733

Case data suspended until 1974 are not comparable to prior years due to changes in reporting criteria becoming effective in 1975.
 MWBR-1980-1981-1982 Data for retrospective case reports due to date of report to state health departments prior to 1980.
 *Annual case reports from New York City are not available.
 **Data for previous years are from surveillance records reported by state health departments.
 Cases for 1980–1989 are recorded by date of report to state health departments.
 Criteria for notification notifiable nationally.

†Cases for 1980–1989 are recorded by date of report to state health departments prior to 1980.
 *Annual case reports based on retrospective case reports due to date of report to state health departments.

**Annual case reports from New York City are not available.
 Cases for 1980–1989 are recorded by date of report to state health departments prior to 1980.

†Cases for 1980–1989 are recorded by date of report to state health departments prior to 1980.

TABLE 2. NOTIFIABLE DISEASES — Summary of reported cases per 100,000 population, United States, 1980-1989

Disease	1989	1988	1987	1986	1985	1984	1983	1982	1981	1980
Acquired immunodeficiency syndrome (AIDS)	13.58	12.61	8.66	5.36	3.46	1.88	.....*	.....*	.....*	2.38
Amebiasis	1.34	1.20	1.33	1.47	1.92	2.30	2.95	3.23	2.96	2.38
Anthrax	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aseptic meningitis	4.14	2.94	4.72	4.72	4.50	3.57	5.49	4.18	4.16	3.61
Botulism, total	0.04	0.03	0.03	0.05	0.05	0.05	0.06	0.04	0.04	0.04
Food-borne	0.01	0.01	0.01	0.01	0.02	0.01	0.02	0.01	0.01	0.01
Infant	0.02	0.02	0.02	0.03	0.03	0.04	0.03	0.03	0.03	0.03
Brucellosis (undulant fever)	0.04	0.04	0.05	0.04	0.06	0.06	0.09	0.07	0.08	0.08
Chancroid	1.90	2.04	2.07	1.57	0.87	0.28	0.36	0.60	0.37	0.35
Cholera	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00
Diphtheria	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Encephalitis, primary Post-infectious	0.40	0.36	0.58	0.54	0.58	0.53	0.15	0.16	0.14	0.14
Gonorrhea	297.36	298.74	323.14	376.37	384.51	374.75	387.64	417.45	434.84	444.99
Granuloma inguinale	0.00	0.00	0.01	0.03	0.02	0.01	0.01	0.01	0.03	0.02
Hepatitis A	14.43	11.60	10.39	10.02	10.03	9.33	9.20	10.11	11.25	12.84
Hepatitis B	9.43	9.43	10.65	11.17	11.50	11.06	10.39	9.58	9.22	8.39
Hepatitis non-A non-B	1.02	1.07	1.23	1.55	1.81	1.64	1.66	1.39**
Hepatitis, unspecified	0.93	1.00	1.27	1.69	2.38	2.34	3.09	3.70	4.79	5.25
Legionellosis	0.48	0.44	0.43	0.43	0.37	0.35	0.43	0.35	0.18	0.21
Leprosy	0.07	0.07	0.10	0.11	0.15	0.12	0.11	0.11	0.11	0.10
Leptospirosis	0.04	0.02	0.02	0.02	0.02	0.02	0.03	0.04	0.04	0.04
Lymphogranuloma venereum	0.08	0.07	0.13	0.16	0.10	0.07	0.14	0.10	0.12	0.09
Malaria	0.51	0.45	0.39	0.47	0.44	0.43	0.35	0.46	0.61	0.91
Measles (rubeola)	7.33	1.38	1.50	2.61	1.18	1.10	0.64	0.74	1.36	5.96
Meningococcal infections, total	1.10	1.21	1.20	1.08	1.04	1.16	1.17	1.32	1.54	1.25
Mumps	2.34	2.05	5.43	3.37	1.30	1.32	1.55	2.46	2.20	3.86
Pertussis (whooping cough)	1.67	1.40	1.16	1.74	1.50	0.96	1.05	0.82	0.54	0.76
Plague	0.00	0.01	0.00	0.00	0.01	0.01	0.02	0.01	0.01	0.01
Poliomyelitis, total Paralytic	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
Psittacosis	0.05	0.05	0.04	0.09	0.05	0.07	0.06	0.07	0.06	0.05
Rabies, human	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rheumatic fever, acute	0.13	0.14	0.13	0.12	0.07	0.08	0.06	0.09	0.17	0.30
Rubella (German measles)	0.16	0.09	0.13	0.23	0.26	0.32	0.41	1.00	0.91	1.72
Rubella congenital syndrome [†]	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01
Salmonellosis, excluding typhoid fever	19.26	19.91	20.92	20.73	27.37	17.30	18.91	17.69	17.44	14.88
Shigellosis	10.07	12.46	9.80	7.11	7.14	7.36	8.43	7.83	8.66	8.41
Smallpox**********
Syphilis, primary and secondary	18.07	16.43	14.54	11.65	11.45	12.20	14.08	14.61	13.72	12.06
Total all stages	44.94	42.37	35.81	28.50	28.50	29.81	32.13	32.84	31.95	30.51
Tetanus	0.02	0.02	0.02	0.03	0.03	0.03	0.04	0.04	0.03	0.04
Toxic-shock syndrome	0.16	0.16	0.15	0.19	0.18	0.24	0.24***
Trichinosis	0.01	0.02	0.02	0.02	0.03	0.03	0.02	0.02	0.05	0.06
Tuberculosis	9.46	9.13	9.25	9.44	9.30	9.42	10.19	11.02	11.94	12.25
Tularemia	0.06	0.08	0.09	0.07	0.07	0.12	0.13	0.12	0.13	0.10
Typhoid fever (cases) (Carriers)	0.19	0.18	0.16	0.15	0.17	0.17	0.22	0.18	0.25	0.23
Typhus fever, flea-borne (endemic, murine)	NA	N/A	N/A	0.02	0.03	0.03	0.03	0.03	0.03	0.03
Typhus fever, tick-borne (Rocky Mountain spotted)	0.02	0.02	0.02	0.03	0.02	0.02	0.03	0.03	0.03	0.04
Varicella (chickenpox)	121.77	122.43	136.68	122.42	123.23	138.44	99.65	94.37	100.48	96.69
Yellow fever**********

Last indigenous case reported 1911; last imported, 1924

Note: Rates less than 0.01 after rounding are shown as 0.00.

Population data from those states where diseases were not notifiable (NN) or not available (NA) were excluded from rate calculation. Civilian resident population was used for chancroid, gonorrhea, granuloma inguinale, lymphogranuloma venereum, and syphilis.

*Not previously notifiable nationally.

†Per 1,000 live births.

TABLE 3. NOTIFIABLE DISEASES—Summary of reported cases, United States, 1970-1979

Disease	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970
U.S. total resident population, July 1, estimate (in thousands)	220,099	218,059	216,332	214,659	213,121	211,390	209,851	208,232	206,256	203,805
Amebiasis	4,107	3,937	3,044	2,906	2,775	2,743	2,235	2,199	2,752	2,888
Anthrax	—	6	—	2	2	2	2	2	5	2
Aseptic meningitis	8,754	6,573	4,789	3,510	4,475	3,197	4,846	4,634	5,176	6,480
Botulism	45	105	129	55	20	28	34	22	25	12
Brucellosis (undulant fever)	215	179	232	296	310	240	202	196	183	213
Chancroid	840	521	455	628	700	945	1,165	1,414	1,320	1,416
Cholera	1	12	3	—	—	—	1	—	1	—
Diphtheria	59	76	84	128	307	272	228	152	215	435
Encephalitis, primary	1,504	1,351	1,414	1,651	4,064	1,164	1,613	1,059	1,524	1,580
Encephalitis, post-infectious	84	78	119	175	237	218	354	243	439	370
Gonorrhea	1,004,058	1,013,436	1,002,219	1,001,994	999,937	906,121	842,621	767,215	670,268	600,072
Granuloma inguinale	76	72	75	71	60	47	62	81	89	124
Hepatitis, serum	15,452	15,016	16,831	14,973	13,121	10,631	8,451	9,402	9,556	8,310
Hepatitis, infectious	30,407	29,500	31,153	33,288	35,855	40,358	50,749	54,074	59,606	56,797
Hepatitis, unspecified	10,534	8,776	8,639	7,488	7,158	8,351	.....	.....	.....	.....
Legionellosis	593	761	359	235	.....	.....	.....	*	.....	.....
Leprosy	185	168	151	145	162	118	146	130	131	129
Leptospirosis	94	110	71	73	93	68	57	41	62	47
Lymphogranuloma venereum	250	284	348	365	353	394	408	756	692	612
Malaria	894	731	547	471	373	293	237	742	2,375	3,051
Measles (rubeola)	13,597	26,871	57,345	41,126	24,374	22,094	26,690	32,275	75,290	47,351
Meningococcal infections	2,724	2,505	1,828	1,605	1,478	1,346	1,378	1,323	2,262	2,505
Mumps	14,225	16,817	21,436	38,492	59,647	59,128	69,612	74,215	124,939	104,953
Pertussis (whooping cough)	1,623	2,063	2,177	1,010	1,738	2,402	1,759	3,287	3,036	4,249
Plague	13	12	18	16	20	8	2	1	2	13
Poliomyelitis, total	34	15	18	14	8	7	8	31	21	33
Paralytic	26	9	17	12	8	7	7	29	17	31
Psittacosis	137	140	94	78	49	164	33	52	32	35
Rabies, animal	5,119	3,254	3,130	3,073	2,627	3,151	3,640	4,369	4,310	3,224
Rabies, human	4	4	1	2	2	—	1	2	2	3
Rheumatic fever, acute	629	851	1,738	1,865	2,854	2,431	2,560	2,614	2,793	3,227
Rubella (German measles)	11,795	18,269	20,395	12,491	16,652	11,917	27,804	25,507	45,086	56,552
Rubella congenital syndrome	62	30	23	30	30	45	35	42	68	77
Salmonellosis, excluding typhoid fever	33,138	29,410	27,850	22,937	22,612	21,980	23,818	22,151	21,928	22,096
Shigellosis (bacillary dysentery)	20,135	19,511	16,052	13,140	16,584	22,600	22,642	20,207	16,143	13,845
Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Streptococcal sore throat and scarlet fever	NN	NN	NN	NN	NN	NN	NN	NN	NN	433,405
Syphilis, primary and secondary	24,874	21,656	20,399	23,731	25,561	25,385	24,825	24,429	23,783	21,982
Total, all stages	67,049	64,875	64,621	71,761	80,356	83,771	87,469	91,149	95,997	91,382
Tetanus	81	86	87	75	102	101	101	128	116	148
Trichinosis	157	67	143	115	252	120	102	89	103	109
Tuberculosis (newly reported active cases) [†]	27,669	28,521	30,145	32,105	33,989	30,122	30,998	32,882	35,217	37,137
Tularemia	196	141	165	157	129	144	171	152	187	172
Typhoid fever	528	505	398	419	375	437	680	398	407	346
Typhus fever, flea-borne (endemic, murine)	69	46	75	69	41	26	32	18	23	27
Typhus fever, tick-borne (Rocky Mountain spotted)	1,070	1,063	1,153	937	844	754	668	523	432	380
Varicella (chickenpox)	199,081	154,089	188,396	183,990	154,248	141,495	182,927	164,114	.....	*
Yellow fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

*Not previously notifiable nationally.

†Case data subsequent to 1974 are not comparable to prior years due to changes in reporting criteria which became effective in 1975.

TABLE 4. NOTIFIABLE DISEASES — Summary of reported cases, United States, 1960-1969

Disease	1969	1968	1967	1966	1965	1964	1963	1962	1961	1960
U.S. total resident population, July 1, estimate (in thousands)	201,385	199,399	197,457	195,576	193,526	191,141	188,483	185,771	182,992	179,979
Amebiasis	2,915	3,005	3,157	2,921	2,768	3,304	2,886	3,048	2,850	3,424
Anthrax	4	3	2	5	7	5	3	9	14	23
Aseptic meningitis	3,672	4,494	3,082	3,058	2,329	2,177	1,844	2,654	5,162*	1,593
Botulism	16	7	5	9	19	23	47	10	14	12
Brucellosis (undulant fever)	235	218	265	262	262	411	407	409	636	751
Chancroid	1,104	845	784	838	982	1,247	1,220	1,344	1,438	1,680
Cholera	—	—	—	—	2	—	—	—	—	—
Diphtheria	241	260	219	209	164	293	314†	444	617	918
Encephalitis, primary post-infectious	1,613	1,781	1,478	2,121	1,722	2,002	1,993†	2,094†	2,248†	2,341†
304	502	1,060	964	981	1,585	—	—	—	—	—
Gonorrhea	534,872	464,543	404,836	351,738	324,925	300,666	278,289	263,714	264,158	258,933
Granuloma inguinale	154	156	154	148	155	135	173	207	241	296
Hepatitis, infectious and serum	54,325	50,722	41,367	34,356	33,856	37,740	42,974	53,016	72,651	41,666
Leprosy	98	123	81	109	96	97	103	80	63	54
Leptospirosis	89	69	67	72	84	142	89	79	71	53
Lymphogranuloma venereum	520	485	371	308	878	732	586	590	787	835
Malaria	3,102	2,317	2,022	565	147	93	99	118	73	72
Measles (rubeola)	25,826	22,231	62,705	204,136	261,904	458,083	385,156	481,530	423,919	441,703
Menigococcal infections	2,951	2,623	2,161	3,381	3,040	2,826	2,470	2,150	2,232	2,259
Mumps	90,918	152,209	.....	.....	.....	5	.....	.....	.....	.....
Pertussis (whooping cough)	3,285	4,810	9,718	7,717	6,799	13,005	17,135	17,749	11,468	14,809
Plague	5	3	3	5	8	—	1	—	3	2
Poliomyelitis	20	53	41	113	72	122	449	910	1,312	3,190
Paralytic	18	53	40	106	61	106	396	762	988	2,525
Psittacosis	57	43	41	50	60	53	76	79	102	113
Rabies, human ¹	1	1	2	1	2	1	1	2	3	2
Rabies, animal	3,490	3,591	4,481	4,178	4,574	4,780	3,929	3,732	3,599	3,567
Rheumatic fever, acute	3,229	3,470	3,985	4,472	4,998	7,491	7,561	7,977	10,470	9,022
Rubella (German Measles)	57,686	49,371	46,888	46,975	.....	5	.....	.....	.....	.....
Rubella congenital syndrome	31	14	10	11	—	—	5	—	—	—
Salmonellosis, excluding typhoid fever	18,419	16,514	18,120	16,841	17,161	17,144	15,390	9,680	8,542	6,929
Shigellosis	11,946	12,180	13,474	11,888	11,027	12,984	13,009	12,443	12,571	12,487
Smallpox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Streptococcal sore throat and scarlet fever	450,008	435,013	453,351	427,752	395,168	402,334	342,161	315,809	338,410	315,173
Syphilis, primary and secondary	19,130	19,019	21,053	21,414	23,338	22,969	22,251	21,067	19,851	16,145
Total, all stages	92,162	96,271	102,581	105,159	112,842	114,325	124,137	126,245	124,658	122,538
Tetanus	192	178	263	235	300	289	325	322	379	368
Trichinosis	215	77	66	115	199	198	208	194	306	160
Tuberculosis**	39,120	42,623	45,647	47,767	49,016	50,874	54,042	53,315	53,726	55,494
Tularemia	149	186	184	208	264	342	327	328	365	390
Typhoid fever	364	395	396	378	454	501	566	608	814	816
Typhus fever, flea-borne (endemic, murine)	36	36	52	33	28	30	35	32	46	68
Typhus fever, tick-borne (Rocky Mountain spotted)	498	298	305	268	281	277	216	240	219	204
Yellow fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Last indigenous case reported 1911; last imported, 1924

*Includes meningitis, other for some states.

†Includes primary and post-infectious cases.

‡Not previously notifiable nationally.

*Registered deaths, 1960.

**Includes new active cases.

TABLE 5. NOTIFIABLE DISEASES — Summary of reported cases, United States, 1950-1959 (Figures exclude Alaska 1950–1958 and Hawaii 1950–1959)

Disease	1959	1958	1957	1956	1955	1954	1953	1952	1951	1950
U.S. total resident population, July 1, estimate (in thousands)	176,513	173,320	170,371	167,306	164,308	161,164	158,242	155,687	153,310	151,235
Amöbiasis	3,508	4,380	5,031	3,689	3,348	3,523	4,444	4,280	3,550	4,568
Anthrax	12	16	26	38	39	22	45	47	60	49
Botulism	20	6	28	17	16	18	18	18	33	20
Brucellosis (undulant fever)	892	924	983	1,300	1,444	1,823	2,032	2,537	3,139	3,510
Chancroid	1,537	1,595	1,637	2,135	2,649	3,003	3,338	3,738	4,233	4,977
Cholera	—	—	—	—	—	—	—	—	—	—
Dengue	—	—	—	2	1	6	8	5	16	26
Diphtheria	934	918	1,211	1,568	1,984	2,041	2,355	2,960	3,983	5,796
Encephalitis, acute infectious	2,437	2,587	2,135	2,624	2,166	2,606	1,935	1,912	1,123	1,135
Gonorrhea	240,254	232,386	214,496	224,346	236,197	242,050	238,340	244,957	254,470	286,746
Granuloma inguinale	265	314	348	357	490	618	667	951	1,352	1,783
Hepatitis, infectious*	23,574	16,294	14,922	19,234	31,961	50,093	33,700	17,428	7,349	2,820
Leprosy	44	39	36	52	75	56	60	57	57	44
Leptospirosis	83	55	47	44	24	48	42	62	9	30
Lymphogranuloma venereum	604	434	448	500	762	875	983	1,200	1,300	1,427
Malaria	71	85	132	234	522	715	1,310	7,023	5,600	2,184
Measles	406,162	763,094	486,799	611,936	555,156	682,720	449,146	683,077	530,118	319,124
Meningococcal infections	2,180	2,581	2,691	2,735	3,455	4,436	5,077	4,884	4,164	3,788
Pertussis (whooping cough)	40,005	32,148	28,295	31,732	62,786	60,886	37,129	45,030	68,687	120,718
Plague	4	—	1	1	—	—	—	—	1	3
Poliomyelitis, total	8,425	5,787	5,485	15,140	28,985	38,476	35,592	57,879	28,386	33,300
Paralytic	6,289	3,697	2,499	7,911	13,850	18,308	15,648	21,269	10,037	NA
Psittacosis	147	158	278	568	334	563	169	135	25	26
Rabies, human [†]	7	5	5	10	4	13	12	24	18	18
Rabies, animal [§]	4,177	4,787	4,542	5,681	5,799	7,297	8,903	8,445	8,008	7,901
Rheumatic fever, acute	8,285	6,889	6,427	6,562	—	—	—	—	—	—
Salmonellosis, excluding typhoid fever	6,606	6,363	6,693	6,704	5,447	5,375	3,946	2,596	1,773	1,233
Shigellosis (bacillary dysentery)	12,888	11,861	9,822	10,306	13,912	13,846	16,533	23,197	32,215	23,367
Smallpox	—	—	—	—	—	—	—	—	—	—
Streptococcal sore throat and scarlet fever	334,715	264,097	226,973	176,392	147,502	147,785	132,935	113,677	84,151	64,494
Syphilis, primary and secondary	9,799	7,176	6,576	6,392	6,454	7,147	8,637	10,449	14,485	23,939
Total, all stages	120,824	113,884	123,758	130,201	122,392	130,697	148,573	167,762	174,924	217,558
Tetanus	445	445	447	468	462	524	506	484	506	486
Trichinosis	227	176	178	262	264	277	395	367	393	327
Tuberculosis**	57,535	63,534	67,149	69,895	77,368	79,775	84,304	86,700	118,491	121,742
Tularemia	459	587	601	522	584	681	601	668	702	927
Typhoid fever	859	1,043	1,231	1,700	1,704	2,169	2,252	2,341	2,128	2,484
Typhus fever, flea-borne (endemic, murine)	51	71	113	98	135	163	221	205	378	685
Typhus fever, tick-borne (Rocky Mountain spotted)	199	243	240	293	295	294	313	327	347	464
Yellow fever	—	—	—	—	—	—	—	—	—	—

*Data for 1953-1959 includes serum hepatitis.

[†]Registered deaths.

[‡]Data from Bureau of Animal Industry, U.S. Department of Agriculture, Agricultural Research Administration, 1950-1951.

[§]Not previously notifiable nationally.

^{**}Includes newly reported active and inactive cases, 1950-1951; new active cases, 1952-1959.

TABLE 6. NOTIFIABLE DISEASES — Summary of reported cases, United States, 1940-1949

Disease	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940
U.S. total resident population, July 1, estimate (in thousands)	148,665	146,093	143,446	140,054	132,481	132,885	134,245	133,920	133,121	131,954
Amebiasis	5,543	4,871	3,365	4,093	3,412	3,241	3,329	2,721	3,201	3,033
Anthrax	54	60	69	40	40	49	72	94	104	76
Botulism	24	39	44	.....	.....	.....	NA	.....	.....	.....
Brucellosis (undulant fever)	4,235	4,991	6,321	5,887	5,049	4,436	3,733	3,228	3,484	3,310
Chancroid*	6,707	7,661	9,515	7,091	5,515	7,878	8,354	5,477	3,384	NA
Cholera	—	—	—	—	—	—	—	—	—	—
Dengue	46	24	35	40	106	61	123	171	600	66
Diphtheria	7,969	9,493	12,262	16,354	18,675	14,150	14,811	16,260	17,987	15,536
Encephalitis, acute infectious	903	730	785	728	785	788	771	666	3,516	1,030
Gonorrhea*	317,950	345,501	380,666	368,020	287,181	300,676	275,070	212,403	193,468	175,841
Granuloma inguinale*	2,402	2,469	2,330	2,232	1,857	1,759	1,748	1,278	639	NA
Hepatitis, infectious	2,027	709	1,092	.....	.....	.....	NA	.....	.....	.....
Leprosy	41	63	56	43	40	37	35	70	NA	NA
Leptospirosis	17	18	14	.....	.....	.....	NA	.....	.....	.....
Lymphogranuloma venereum*	1,925	2,429	2,526	2,603	2,631	2,858	2,593	1,888	1,381	NA
Malaria	4,151	9,606	15,116	48,610	62,763	57,626	54,554	60,077	68,074	78,129
Measles	625,281	615,104	222,375	659,843	146,013	630,291	633,627	547,413	894,134	291,162
Meningococcal infections	3,519	3,376	3,420	5,693	8,208	16,312	18,223	3,823	2,006	1,653
Pertussis (whooping cough)	69,479	74,715	156,517	109,860	133,792	109,873	191,890	191,383	222,202	183,866
Plague	3	—	1	—	—	1	1	1	2	1
Poliomyelitis, acute	42,033	27,726	10,827	25,698	13,624	19,029	12,450	4,167	9,086	9,804
Psittacosis	35	32	27	26	27	6	1	23	11	NA
Rabies, human [†]	10	24	26	34	43	56	47	36	39	41
Rabies, animal [‡]	7,587	8,495	8,920	10,850	9,928	10,487	9,649	7,137	7,847	7,210
Salmonellosis	1,243	882	951	723	649	712	731	504	NA	NA
Shigellosis (bacillary dysentery)	29,080	23,753	17,048	24,286	34,943	38,230	31,590	25,572	18,972	17,501
Smallpox	49	57	176	337	346	397	765	865	1,396	2,795
Streptococcal sore throat and scarlet fever	87,220	91,295	93,595	125,511	185,570	200,539	150,362	135,755	139,424	165,766
Syphilis, primary and secondary*	41,942	68,174	93,545	94,957	77,007	78,443	82,204	75,312	68,231	NA
Total, all stages*	256,463	314,313	355,592	963,647	359,114	467,755	575,593	479,601	485,560	472,900
Tetanus	579	601	560	.....	.....	.....	NA	.....	.....	.....
Trichinosis	353	487	451	.....	.....	.....	NA	.....	.....	.....
Tuberculosis [§]	134,865	137,006	134,946	119,256	114,931	126,294	120,253	117,204	105,567	102,984
Tularemia	1,179	1,086	1,401	1,355	900	781	966	1,024	1,530	1,620
Typhoid fever**	2,795	2,840	3,075	3,268	4,211	4,599	4,690	5,595	8,601	9,809
Typhus fever, flea-borne (endemic, murine)	985	1,171	2,050	3,365	5,193	5,401	4,528	3,736	2,784	1,878
Typhus fever, tick-borne (Rocky Mountain spotted)	570	547	596	587	472	470	473	498	516	457
Yellow fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

*Data reported for fiscal years, 1940–1946.

[†]Registered Deaths.[§]Data from Bureau of Animal Industry, U.S. Department of Agriculture, Agricultural Research Administration.[¶]Includes newly reported active and inactive cases.^{**}Includes cases of paratyphoid 1940-1941.

TABLE 7. NOTIFIABLE DISEASES — Deaths from specified notifiable diseases, United States, 1978-1987 (Numbers in ICD statistics column refer to the category numbers listed in the *Ninth Revision of the International Classification of Diseases, 1975.*)

Cause of Death	ICD	1987	1986	1985	1984	1983	1982	1981	1980	1979	1978
AIDS*	*042-*044	13,468	10,900	6,040	2,943	1,141	N/A	N/A	N/A	N/A	N/A
Amebiasis	006	9	8	10	10	21	7	16	22	19	14
Anthrax	022	-	-	-	-	-	-	-	-	-	-
Botulism, foodborne	005.1	-	1	4	4	7	4	3	5	2	5
Brucellosis	023	1	1	1	-	-	2	1	-	2	3
Chancroid	099.0	-	-	-	-	-	-	-	-	-	-
Cholera	001	1	-	1	-	-	-	3	1	-	-
Diphtheria	032	1	-	-	-	-	1	-	1	1	4
Encephalitis, acute infectious [†]	062-064,049	146	230	153	168	169	166	164	188	172	185
Gonococcal infections	098	7	7	2	3	4	6	4	7	1	9
Granuloma inguinale	099.2	-	-	-	-	-	-	-	1	1	-
Hepatitis, viral, infectious (Hepatitis A)	070.0,070.1	77	65	80	77	82	83	93	112	129	1
Hepatitis, viral, serum (Hepatitis B)	070.2,070.3	595	557	490	465	438	375	359	294	260	508
Hepatitis, viral, other and unsp.	070.4-070.9	510	384	372	327	343	356	410	403	364	
Leprosy	030	1	1	2	6	3	3	2	-	3	4
Leptospirosis	100	1	-	4	-	5	4	5	2	4	5
Lymphogranuloma venereum	099.1	-	-	3	-	-	1	1	1	1	-
Malaria	084	5	5	13	7	3	2	7	-	3	5
Measles (rubeola)	055	2	2	4	1	4	2	2	11	6	11
Meningococcal infection	036	258	286	257	300	299	364	459	387	404	403
Mumps	072	2	-	-	1	2	2	1	2	2	3
Pertussis (whooping cough)	033	1	6	4	7	5	4	6	11	6	6
Plague	020	1	-	1	3	5	3	3	5	2	-
Poliomyelitis	045.0-045.9	-	-	3	-	-	-	-	6	4	13
Bulbar or polioencephalitis	045.0	-	-	-	-	-	-	-	-	-	-
With other paralysis	045.1	-	-	-	-	-	-	-	2	1	1
Non-paralytic	045.2	-	-	-	-	-	-	-	-	-	-
Unspecified	045.9	-	-	3	-	-	-	-	4	3	12
Psittacosis (ornithosis)	073	2	-	1	-	1	-	-	-	-	1
Rabies	071	1	-	-	2	2	-	1	-	4	2
Rheumatic fever, acute	390-392	42	60	56	70	87	77	96	109	114	138
Rubella (German measles)	056	-	1	1	1	3	4	5	1	1	10
Salmonellosis, including paratyphoid fever	002.1-002.9,003	105	102	117	90	82	89	105	89	70	79
Shigellosis	004	13	4	17	8	9	9	11	15	19	20
Syphilis	090-097	98	80	80	105	121	126	136	154	180	169
Tetanus	037	16	22	23	20	22	22	31	28	30	32
Trichinosis	124	-	-	1	-	-	-	-	1	2	-
Tuberculosis (all forms)	010-018	1,755	1,782	1,752	1,729	1,779	1,807	1,937	1,978	2,007	2,914
Tularemia	021	4	4	3	2	1	2	1	3	2	-
Typhoid fever	002.0	2	2	-	-	3	2	2	2	3	2
Typhus fever, flea-borne (endemic-murine)	081.0	-	-	1	-	-	-	-	-	-	-
Typhus fever, tick-borne (Rocky Mountain spotted)	082.0	21	19	22	34	35	40	30	38	32	30
Varicella (chickenpox)	052	89	47	68	53	57	61	84	78	103	91

*For 1983-1986, deaths are estimated from death certificates with mention of conditions coded to Deficiency of cell-mediated immunity (ICD-9 No. 279.1). Includes other human immunodeficiency virus (HIV)-related deaths and other diseases classifiable as deficiency of cell-mediated immunity. (The asterisks in Column 1 pertain to the ICD code, not a footnote.)

[†]Arthropod-borne encephalitis and other non-arthropod-borne viral diseases of the central nervous system.

Source: National Center for Health Statistics, CDC, National Vital Statistics System, 1978-1987. Deaths are classified according to the Eighth Revision, ICD, for 1978 and according to the Ninth Revision, ICD, for 1979-1987. Discontinuities for some causes may result due to the introduction of the Ninth Revision.

State and Territorial Epidemiologists and Laboratory Directors

State and Territorial Epidemiologists and Laboratory Directors are gratefully acknowledged for their contributions to this report. The persons listed below were in the positions shown as of July 1990.

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Northern Mariana Islands	Vacant	Jose L. Chong, MO
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